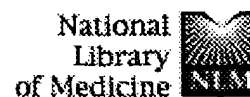


WEST Search History

DATE: Wednesday, May 12, 2004

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L24	L23 AND human endothelin receptor	59
<input type="checkbox"/>	L23	L21 AND L22	343
<input type="checkbox"/>	L22	ET-1 OR ET-2	1149
<input type="checkbox"/>	L21	endothelin receptor	1250
<input type="checkbox"/>	L20	L18 AND ET-2	4
<input type="checkbox"/>	L19	L18 AND ET-1	16
<input type="checkbox"/>	L18	L17 AND endothelin receptor	64
<input type="checkbox"/>	L17	L16 AND endothelin	668
<input type="checkbox"/>	L16	530/300,350.CCLS.	16063
<input type="checkbox"/>	L15	L13 AND ET-2	3
<input type="checkbox"/>	L14	L13 AND ET-1	18
<input type="checkbox"/>	L13	L12 AND endothelin receptor	90
<input type="checkbox"/>	L12	435/7.21,325.CCLS.	16908
<input type="checkbox"/>	L11	Nakanishi-S.IN.	25224
<input type="checkbox"/>	L10	Nakanishi.IN.	25224
<input type="checkbox"/>	L9	Nakanishi-Shigetada.IN.	45
<input type="checkbox"/>	L8	Nikanishi.IN.	0
<input type="checkbox"/>	L7	Nakao-K.IN.	262
<input type="checkbox"/>	L6	Nakao-Kazuwa.IN.	23
<input type="checkbox"/>	L5	Nakao-Kazuma.IN.	6
<input type="checkbox"/>	L4	Nakao.IN.	16444
<input type="checkbox"/>	L3	Imura-H.IN.	42
<input type="checkbox"/>	L2	Imura-Hiroo.IN.	39
<input type="checkbox"/>	L1	(Imura.IN.)	3480

END OF SEARCH HISTORY



Entrez PubMed Nucleotide Protein Genome Structure OMIM PMC Journals Book
 Search PubMed for human endothelin receptor AND ET-1 AND ET-2 Go Clear
 Limits Preview/Index History Clipboard Details

About Entrez

Display Summary Show: 500 Sort Send to Text
 Items 1-92 of 92 One page.

Text Version

Entrez PubMed

Overview
 Help | FAQ
 Tutorial
 New/Noteworthy
 E-Utilities

PubMed Services

Journals Database
 MeSH Database
 Single Citation Matcher
 Batch Citation Matcher
 Clinical Queries
 LinkOut
 Cubby

Related Resources

Order Documents
 NLM Gateway
 TOXNET
 Consumer Health
 Clinical Alerts
 ClinicalTrials.gov
 PubMed Central

Privacy Policy

1: [Maki S, Miyauchi T, Kakinuma Y, Sakai S, Kobayashi T, Sugiyama F, Fukamizu A, Goto K, Yamaguchi I](#) Related Articles, Links

The endothelin receptor antagonist ameliorates the hypertensive phenotypes of transgenic hypertensive mice with renin-angiotensin genes and discloses roles of organ specific activation of endothelin system in transgenic mice. Life Sci. 2004 Jan 16;74(9):1105-18. PMID: 14687651 [PubMed - indexed for MEDLINE]

2: [Fujioka D, Nakamura S, Yoshino H, Shinohara H, Shiba H, Mizuno N, Hasegawa N, Shindoh N, Uchida Y, Ogawa T, Kawaguchi H, Kurihara H](#) Related Articles, Links

Expression of endothelins and their receptors in cells from human periodontal tissues. J Periodont Res. 2003 Jun;38(3):269-75. PMID: 12753364 [PubMed - indexed for MEDLINE]

3: [Grimshaw MJ, Naylor S, Balkwill FR](#) Related Articles, Links

Endothelin-2 is a hypoxia-induced autocrine survival factor for breast tumor cells. Mol Cancer Ther. 2002 Dec;1(14):1273-81. PMID: 12516960 [PubMed - indexed for MEDLINE]

4: [Brand M, Kempf H, Paul M, Corvol P, Gase JM](#) Related Articles, Links

Expression of endothelins in human cardiogenesis. J Mol Med. 2002 Nov;80(11):715-23. Epub 2002 Sep 17. PMID: 12436348 [PubMed - indexed for MEDLINE]

5: [Grimshaw MJ, Wilson JL, Balkwill FR](#) Related Articles, Links

Endothelin-2 is a macrophage chemoattractant: implications for macrophage distribution in tumors. Eur J Immunol. 2002 Sep;32(9):2393-400. PMID: 12207323 [PubMed - indexed for MEDLINE]





















6: [Berry P, Burchill S](#) Related Articles, Links




















Endothelins may modulate invasion and proliferation of Ewing's sarcoma and neuroblastoma. Clin Sci (Lond). 2002 Aug;103 Suppl 48:322S-326S. PMID: 12193114 [PubMed - indexed for MEDLINE]

7: [McCartney SA, Greaves RR, Warner TD, O'Donnell LJ, Domizio P, Farthing MJ](#) Related Articles, Links


Endothelin content, expression, and receptor type in normal and diseased human gallbladder. Dig Dis Sci. 2002 Aug;47(8):1786-92. PMID: 12184531 [PubMed - indexed for MEDLINE]


8: [McCartney SA, Ballinger AB, Vojnovic I, Farthing MJ, Warner TD](#) Related Articles, Links

-  **Endothelin in human inflammatory bowel disease: comparison to rat trinitrobenzenesulphonic acid-induced colitis.**
Life Sci. 2002 Sep 6;71(16):1893-904.
PMID: 12175704 [PubMed - indexed for MEDLINE]
-  **9: Davenport AP.** Related Articles, Links
-  **International Union of Pharmacology. XXIX. Update on endothelin receptor nomenclature.**
Pharmacol Rev. 2002 Jun;54(2):219-26. Review.
PMID: 12037137 [PubMed - indexed for MEDLINE]
-  **10: Kim NN, Dhir V, Azadzi KM, Traish AM, Flaherty E, Goldstein I.** Related Articles, Links
-  **Pilot study of the endothelin-A receptor selective antagonist BMS-193884 for the treatment of erectile dysfunction.**
J Androl. 2002 Jan-Feb;23(1):76-83.
PMID: 11780926 [PubMed - indexed for MEDLINE]
-  **11: Myszka W, Kara-Perz H, Torlinski L.** Related Articles, Links
-  **[Endothelin-1 in coronary artery disease]**
Pol Merkuriusz Lek. 2001 Oct;11(64):291-4. Review. Polish.
PMID: 11770304 [PubMed - indexed for MEDLINE]
-  **12: Spieker LE, Noll G, Ruschitzka FT, Luscher TF.** Related Articles, Links
-  **Endothelin A receptor antagonists in congestive heart failure: blocking the beast while leaving the beauty untouched?**
Heart Fail Rev. 2001 Dec;6(4):301-15. Review.
PMID: 11447305 [PubMed - indexed for MEDLINE]
-  **13: Spieker LE, Noll G, Ruschitzka FT, Luscher TF.** Related Articles, Links
-  **Endothelin receptor antagonists in congestive heart failure: a new therapeutic principle for the future?**
J Am Coll Cardiol. 2001 May;37(6):1493-505. Review.
PMID: 11345356 [PubMed - indexed for MEDLINE]
-  **14: Giannessi D, Del Ry S, Vitale RL.** Related Articles, Links
-  **The role of endothelins and their receptors in heart failure.**
Pharmacol Res. 2001 Feb;43(2):111-26. Review.
PMID: 11243712 [PubMed - indexed for MEDLINE]
-  **15: Huang SC, Lee MC, Wei CK, Huang SM.** Related Articles, Links
-  **Endothelin receptors in human and guinea-pig gallbladder muscle.**
Regul Pept. 2001 Apr 20;98(3):145-53.
PMID: 11231044 [PubMed - indexed for MEDLINE]
-  **16: Katugampola R, Church MK, Clough GF.** Related Articles, Links
-  **The neurogenic vasodilator response to endothelin-1: a study in human skin in vivo.**
Exp Physiol. 2000 Nov;85(6):839-46.
PMID: 11187978 [PubMed - indexed for MEDLINE]
-  **17: Luscher TF, Barton M.** Related Articles, Links
-  **Endothelins and endothelin receptor antagonists: therapeutic considerations for a novel class of cardiovascular drugs.**
Circulation. 2000 Nov 7;102(19):2434-40.
PMID: 11067800 [PubMed - indexed for MEDLINE]
-  **18: Schmitz-Spanke S, Schipke JD.** Related Articles, Links


-  **Potential role of endothelin-1 and endothelin antagonists in cardiovascular diseases.**
Basic Res Cardiol. 2000 Aug;95(4):290-8. Review.
PMID: 11005584 [PubMed - indexed for MEDLINE]
-  **19: Brown MJ, Sharma P, Stevens PA.** [Related Articles, Links](#)
 **Association between diastolic blood pressure and variants of the endothelin-1 and endothelin-2 genes.**
J Cardiovasc Pharmacol. 2000;35(4 Suppl 2):S41-43.
PMID: 10976780 [PubMed - indexed for MEDLINE]
-  **20: Schiller H, Haase W, Molsberger E, Janssen P, Michel H, Reilander H.** [Related Articles, Links](#)
 **The human ET(B) endothelin receptor heterologously produced in the methylotrophic yeast *Pichia pastoris* shows high-affinity binding and induction of stacked membranes.**
Receptors Channels. 2000;7(2):93-107.
PMID: 10952087 [PubMed - indexed for MEDLINE]
-  **21: Moraitis S, Miller WR, Smyth JF, Langdon SP.** [Related Articles, Links](#)
 **Paracrine regulation of ovarian cancer by endothelin.**
Eur J Cancer. 1999 Sep;35(9):1381-7.
PMID: 10658531 [PubMed - indexed for MEDLINE]
-  **22: Burrell KM, Molenaar P, Dawson PJ, Kaumann AJ.** [Related Articles, Links](#)
 **Contractile and arrhythmic effects of endothelin receptor agonists in human heart in vitro: blockade with SB 209670.**
J Pharmacol Exp Ther. 2000 Jan;292(1):449-59.
PMID: 10604982 [PubMed - indexed for MEDLINE]
-  **23: Hayasaki-Kajiwaru Y, Naya N, Shimamura T, Iwasaki T, Nakajima M.** [Related Articles, Links](#)
 **Endothelin generating pathway through endothelin1-31 in human cultured bronchial smooth muscle cells.**
Br J Pharmacol. 1999 Jul;127(6):1415-21.
PMID: 10455291 [PubMed - indexed for MEDLINE]
-  **24: Ergun S, Harneit S, Paust HJ, Mukhopadhyay AK, Holstein AF.** [Related Articles, Links](#)
 **Endothelin and endothelin receptors A and B in the human testis.**
Anat Embryol (Berl). 1998 Mar;199(3):207-14.
PMID: 10068086 [PubMed - indexed for MEDLINE]
-  **25: Karam H, Valdenaire O, Belair MF, Prigent-Sassy C, Rakotosalama A, Clozel M, Itskovitz J, Bruneval P.** [Related Articles, Links](#)
 **The endothelin system in human and monkey ovaries: in situ gene expression of the different components.**
Cell Tissue Res. 1999 Jan;295(1):101-9.
PMID: 10048935 [PubMed - indexed for MEDLINE]
-  **26: Heinroth-Hoffmann I, Vogelsang M, Schiewe P, Morawietz H, Holtz J, Ponicke K, Brodde OE.** [Related Articles, Links](#)
 **Mechanism of ET(A)-receptor stimulation-induced increases in intracellular Ca²⁺ in SK-N-MC cells.**
Br J Pharmacol. 1998 Nov;125(6):1202-11.
PMID: 9863648 [PubMed - indexed for MEDLINE]
-  **27: Uchida K, Yuzuki R, Kamikawa Y.** [Related Articles, Links](#)
 **Pharmacological characterization of endothelin-induced contraction in the guinea-pig oesophageal muscularis mucosae.**


Br J Pharmacol. 1998 Oct;125(4):849-57.
PMID: 9831924 [PubMed - indexed for MEDLINE]


-  **28:** [Hiruma Y, Inoue A, Shiohama A, Otsuka E, Hirose S, Yamaguchi A, Hagiwara H.](#) [Related Articles, Links](#)


 **Endothelins inhibit the mineralization of osteoblastic MC3T3-E1 cells through the A-type endothelin receptor.**
Am J Physiol. 1998 Oct;275(4 Pt 2):R1099-105.
PMID: 9756539 [PubMed - indexed for MEDLINE]


-  **29:** [Nguyen BN, Johnson JA.](#) [Related Articles, Links](#)


 **The role of endothelin in heart failure and hypertension.**
Pharmacotherapy. 1998 Jul-Aug;18(4):706-19. Review.
PMID: 9692645 [PubMed - indexed for MEDLINE]


-  **30:** [Hiruma Y, Inoue A, Shiohama A, Otsuka E, Hirose S, Yamaguchi A, Hagiwara H.](#) [Related Articles, Links](#)

 **Endothelins inhibit mineralization of rat calvarial osteoblast-like cells.**
J Cardiovasc Pharmacol. 1998;31 Suppl 1:S521-3.
PMID: 9595531 [PubMed - indexed for MEDLINE]


-  **31:** [Kohno M, Yokokawa K, Yasunari K, Kano H, Minami M, Yoshikawa J.](#) [Related Articles, Links](#)

 **Effect of the endothelin family of peptides on human coronary artery smooth-muscle cell migration.**
J Cardiovasc Pharmacol. 1998;31 Suppl 1:S84-9.
PMID: 9595408 [PubMed - indexed for MEDLINE]


-  **32:** [Sato M, Miyamoto C, Terashima H, Tachibana Y, Wada K, Watanabe T, Hayes AE, Gentz R, Furuichi Y.](#) [Related Articles, Links](#)

 **Human endothelin receptors ET(A) and ET(B) expressed in baculovirus-infected insect cells--direct application for signal transduction analysis.**
Eur J Biochem. 1997 Nov 1;249(3):803-11.
PMID: 9395330 [PubMed - indexed for MEDLINE]


-  **33:** [Schmeck J, Koch T.](#) [Related Articles, Links](#)


 **[The significance of endothelin for physiologic and pathophysiologic processes of the lung]**
Anesthesiol Intensivmed Notfallmed Schmerzther. 1997 Jul;32(7):401-8. Review. German.
PMID: 9340027 [PubMed - indexed for MEDLINE]


-  **34:** [Moraitis S, Langdon SP, Miller WR.](#) [Related Articles, Links](#)












 **Endothelin expression and responsiveness in human ovarian carcinoma cell lines.**
Eur J Cancer. 1997 Apr;33(4):661-8.
PMID: 9274451 [PubMed - indexed for MEDLINE]




















-  **35:** [Oles M, Ewert M, Meyer T, Pott L.](#) [Related Articles, Links](#)

 **Rapid down regulation of Ca²⁺ signals induced by endothelin-1 in a human bronchial epithelial cell line.**
Cell Calcium. 1997 Mar;21(3):221-31.
PMID: 9105731 [PubMed - indexed for MEDLINE]

-  **36:** [Bialecki RA, Fisher CS, Murdoch WW, Barthlow HG, Bertelsen DL.](#) [Related Articles, Links](#)

 **Functional comparison of endothelin receptors in human and rat pulmonary artery smooth muscle.**
Am J Physiol. 1997 Feb;272(2 Pt 1):L211-8.
PMID: 9124371 [PubMed - indexed for MEDLINE]


-  **37:** [Bogoni G, Rizzi A, Calo G, Campobasso C, D'Orleans-Juste P, Regoli D.](#) [Related Articles, Links](#)
Characterization of endothelin receptors in the human umbilical artery and vein.
 Br J Pharmacol. 1996 Dec;119(8):1600-4.
 PMID: 8982507 [PubMed - indexed for MEDLINE]
-  **38:** [Davenport AP, Hoskins SL, Kuc RE, Plumpton C.](#) [Related Articles, Links](#)
Differential distribution of endothelin peptides and receptors in human adrenal gland.
 Histochem J. 1996 Nov;28(11):779-89.
 PMID: 8968730 [PubMed - indexed for MEDLINE]
-  **39:** [Takimoto M, Oda K, Fruh T, Takai M, Okada T, Sasaki Y.](#) [Related Articles, Links](#)
ETA and ETB receptors cooperate in DNA synthesis via opposing regulations of cAMP in human lung cell line.
 Am J Physiol. 1996 Sep;271(3 Pt 1):L366-73.
 PMID: 8843784 [PubMed - indexed for MEDLINE]
-  **40:** [Knotek M, Jaksic O, Selmani R, Skoric B, Banfic H.](#) [Related Articles, Links](#)
Different endothelin receptor subtypes are involved in phospholipid signalling in the proximal tubule of rat kidney.
 Pflugers Arch. 1996 Jun;432(2):165-73.
 PMID: 8662290 [PubMed - indexed for MEDLINE]
-  **41:** [Adner M, Cardell LO, Sjoberg T, Ottosson A, Edvinsson L.](#) [Related Articles, Links](#)
Contractile endothelin-B (ETB) receptors in human small bronchi.
 Eur Respir J. 1996 Feb;9(2):351-5.
 PMID: 8777976 [PubMed - indexed for MEDLINE]
-  **42:** [Latifpour J, Fukumoto Y, Weiss RM.](#) [Related Articles, Links](#)
Regional differences in the density and subtype specificity of endothelin receptors in rabbit urinary tract.
 Naunyn Schmiedebergs Arch Pharmacol. 1995 Nov;352(5):459-68.
 PMID: 8751073 [PubMed - indexed for MEDLINE]
-  **43:** [Fckete Z, Yang XY, Kimura M, Aviv A.](#) [Related Articles, Links](#)
The endothelin receptor profile in L6 myotubes.
 J Pharmacol Exp Ther. 1995 Oct;275(1):215-8.
 PMID: 7562552 [PubMed - indexed for MEDLINE]
-  **44:** [Lisy O.](#) [Related Articles, Links](#)
[Endothelin--a cardiovascular regulatory peptide. I. Physiologic activity]
 Cesk Fysiol. 1995 Sep;44(3):147-51. Review. Czech.
 PMID: 7586019 [PubMed - indexed for MEDLINE]
-  **45:** [Ong AC, Jowett TP, Firth JD, Burton S, Karet FE, Fine LG.](#) [Related Articles, Links](#)
An endothelin-1 mediated autocrine growth loop involved in human renal tubular regeneration.
 Kidney Int. 1995 Aug;48(2):390-401.
 PMID: 7564106 [PubMed - indexed for MEDLINE]
-  **46:** [Cameron IT, Bacon CR, Collett GP, Davenport AP.](#) [Related Articles, Links](#)
Endothelin expression in the uterus.
 J Steroid Biochem Mol Biol. 1995 Jun;53(1-6):209-14. Review.
 PMID: 7626456 [PubMed - indexed for MEDLINE]
-  **47:** [Maguire JJ, Davenport AP.](#) [Related Articles, Links](#)

-  **ETA receptor-mediated constrictor responses to endothelin peptides in human blood vessels in vitro.**
Br J Pharmacol. 1995 May;115(1):191-7.
PMID: 7647976 [PubMed - indexed for MEDLINE]
-  **48:** [Kanse SM, Wijelath E, Kanthou C, Newman P, Kakkar VV.](#) [Related Articles, Links](#)
-  **The proliferative responsiveness of human vascular smooth muscle cells to endothelin correlates with endothelin receptor density.**
Lab Invest. 1995 Mar;72(3):376-82.
PMID: 7898056 [PubMed - indexed for MEDLINE]
-  **49:** [Peter MG, Davenport AP.](#) [Related Articles, Links](#)
-  **Delineation of endothelin receptors in human left ventricular smooth-muscle cells.**
J Cardiovasc Pharmacol. 1995;26 Suppl 3:S355-7.
PMID: 8587413 [PubMed - indexed for MEDLINE]
-  **50:** [Zhao YD, Springall DR, Hamid Q, Levene M, Polak JM.](#) [Related Articles, Links](#)
-  **Localization and characterization of endothelin-1 receptor binding in the blood vessels of human pulmonary tumors.**
J Cardiovasc Pharmacol. 1995;26 Suppl 3:S341-5.
PMID: 8587409 [PubMed - indexed for MEDLINE]
-  **51:** [Zhao YD, Springall DR, Hamid Q, Yacoub MH, Levene M, Polak JM.](#) [Related Articles, Links](#)
-  **Localization and characterization of endothelin-1 binding sites in the transplanted human lung.**
J Cardiovasc Pharmacol. 1995;26 Suppl 3:S336-40.
PMID: 8587407 [PubMed - indexed for MEDLINE]
-  **52:** [Wallace BA, Janes RW.](#) [Related Articles, Links](#)
-  **The crystal structure of human endothelin-1 and how it relates to receptor binding.**
J Cardiovasc Pharmacol. 1995;26 Suppl 3:S250-3.
PMID: 8587379 [PubMed - indexed for MEDLINE]
-  **53:** [Bausher LP.](#) [Related Articles, Links](#)
-  **Endothelins inhibit cyclic AMP production in rabbit and human ciliary processes.**
J Ocul Pharmacol Ther. 1995 Summer;11(2):135-43.
PMID: 8564634 [PubMed - indexed for MEDLINE]
-  **54:** [Lee JA, Brinkmann JA, Longton ED, Peishoff CE, Lago MA, Leher JD, Cousins RD, Gao A, Stadel JM, Kumar CS, et al.](#) [Related Articles, Links](#)
-  **Lysine 182 of endothelin B receptor modulates agonist selectivity and antagonist affinity: evidence for the overlap of peptide and non-peptide ligand binding sites.**
Biochemistry. 1994 Dec 6;33(48):14543-9.
PMID: 7981216 [PubMed - indexed for MEDLINE]
-  **55:** [Maggi M, Vannelli GB, Fantoni G, Baldi E, Magini A, Peri A, Giannini S, Gloria L, Del Carlo P, Casparis D, et al.](#) [Related Articles, Links](#)
-  **Endothelin in the human uterus during pregnancy.**
J Endocrinol. 1994 Sep;142(3):385-96.
PMID: 7964290 [PubMed - indexed for MEDLINE]
-  **56:** [Adner M, Jansen I, Edvinsson L.](#) [Related Articles, Links](#)
-  **Endothelin-A receptors mediate contraction in human cerebral, meningeal**

and temporal arteries.

J Auton Nerv Syst. 1994 Sep;49 Suppl:S117-21.

PMID: 7836667 [PubMed - indexed for MEDLINE]

 **57:** [Aardal S.](#)


[Related Articles, Links](#)



[The physiological and pathophysiological significance of endothelins]

Tidsskr Nor Laegeforen. 1994 Aug 10;114(18):2120-4. Review. Norwegian.

PMID: 7992271 [PubMed - indexed for MEDLINE]

 **58:** [Lee JA, Elliott JD, Sutiphong JA, Friesen WJ, Ohlstein EH, Stadel JM, Gleason JG, Peishoff CE.](#)


[Related Articles, Links](#)



Tyr-129 is important to the peptide ligand affinity and selectivity of human endothelin type A receptor.

Proc Natl Acad Sci U S A. 1994 Jul 19;91(15):7164-8.

PMID: 8041764 [PubMed - indexed for MEDLINE]

 **59:** [Sakamoto A, Yanagisawa M, Tsujimoto G, Nakao K, Toyo-oka T, Masaki T.](#)


[Related Articles, Links](#)



Pseudo-noncompetitive antagonism by BQ123 of intracellular calcium transients mediated by human ETA endothelin receptor.

Biochem Biophys Res Commun. 1994 Apr 29;200(2):679-86.

PMID: 8179600 [PubMed - indexed for MEDLINE]

 **60:** [Saetrum Opgaard O, Adner M, Gulbenkian S, Edvinsson L.](#)


[Related Articles, Links](#)



Localization of endothelin immunoreactivity and demonstration of constrictory endothelin-A receptors in human coronary arteries and veins.

J Cardiovasc Pharmacol. 1994 Apr;23(4):576-83.

PMID: 7516007 [PubMed - indexed for MEDLINE]

 **61:** [Stanimirovic DB, McCarron RM, Spatz M.](#)


[Related Articles, Links](#)



Dexamethasone down-regulates endothelin receptors in human cerebromicrovascular endothelial cells.

Neuropeptides. 1994 Mar;26(3):145-52.

PMID: 8208359 [PubMed - indexed for MEDLINE]

 **62:** [Stanimirovic DB, Yamamoto T, Uematsu S, Spatz M.](#)


[Related Articles, Links](#)



Endothelin-1 receptor binding and cellular signal transduction in cultured human brain endothelial cells.

J Neurochem. 1994 Feb;62(2):592-601.

PMID: 8294922 [PubMed - indexed for MEDLINE]

 **63:** [Takagi H, Reinach PS, Tachado SD, Yoshimura N.](#)


[Related Articles, Links](#)



Endothelin-mediated cell signaling and proliferation in cultured rabbit corneal epithelial cells.

Invest Ophthalmol Vis Sci. 1994 Jan;35(1):134-42.

PMID: 8300340 [PubMed - indexed for MEDLINE]

 **64:** [Yazawa H, Iida-Kubota E, Honma Y, Honda K.](#)


[Related Articles, Links](#)



Characterization of the endothelin receptor in primary cultures of human aortic smooth muscle cells.

Jpn J Pharmacol. 1993 Nov;63(3):313-8.

PMID: 8107324 [PubMed - indexed for MEDLINE]

 **65:** [Chabrier PE.](#)


[Related Articles, Links](#)























The role of endothelin in the vessel wall.



















Baillieres Clin Haematol. 1993 Sep;6(3):577-91. Review.

PMID: 8025344 [PubMed - indexed for MEDLINE]









 **66:** [Hirata Y.](#)

[Related Articles, Links](#)

-  **[Physiological and pathophysiological role of endothelin-endothelin receptors system in cardiovascular system]**
Nippon Rinsho. 1993 Jun;51(6):1540-7. Review. Japanese.
PMID: 8320833 [PubMed - indexed for MEDLINE]
-  **67:** [Arai H, Hosoda K, Shirakami G, Yoshimasa T, Nakao K.](#) [Related Articles, Links](#)
-  **[Molecular biology of endothelins and endothelin receptors]**
Nippon Rinsho. 1993 Jun;51(6):1530-9. Review. Japanese.
PMID: 8320832 [PubMed - indexed for MEDLINE]
-  **68:** [Battistini B, Chailier P, D'Orleans-Juste P, Briere N, Sirois P.](#) [Related Articles, Links](#)
-  **Growth regulatory properties of endothelins.**
Peptides. 1993 Mar-Apr;14(2):385-99. Review.
PMID: 8483816 [PubMed - indexed for MEDLINE]
-  **69:** [Karet FE, Davenport AP.](#) [Related Articles, Links](#)
-  **Human kidney: endothelin isoforms detected by HPLC with radioimmunoassay and receptor subtypes detected using ligands BQ123 and BQ3020.**
J Cardiovasc Pharmacol. 1993;22 Suppl 8:S29-33.
PMID: 8121179 [PubMed - indexed for MEDLINE]
-  **70:** [Takasuka T, Adachi M, Miyamoto C, Furuichi Y, Watanabe T.](#) [Related Articles, Links](#)
-  **Characterization of endothelin receptors ETA and ETB expressed in COS cells.**
J Biochem (Tokyo). 1992 Sep;112(3):396-400.
PMID: 1429529 [PubMed - indexed for MEDLINE]
-  **71:** [Sakurai T, Yanagisawa M, Masaki T.](#) [Related Articles, Links](#)
-  **Molecular characterization of endothelin receptors.**
Trends Pharmacol Sci. 1992 Mar;13(3):103-8. Review.
PMID: 1315462 [PubMed - indexed for MEDLINE]
-  **72:** [Imai T, Hirata Y, Eguchi S, Kanno K, Ohta K, Emori T, Sakamoto A, Yanagisawa M, Masaki T, Marumo F.](#) [Related Articles, Links](#)
-  **Concomitant expression of receptor subtype and isopeptide of endothelin by human adrenal gland.**
Biochem Biophys Res Commun. 1992 Feb 14;182(3):1115-21.
PMID: 1371673 [PubMed - indexed for MEDLINE]
-  **73:** [Mihara S, Fujimoto M.](#) [Related Articles, Links](#)
-  **Non-isopeptide-selective endothelin receptors in human Girardi heart cells.**
Life Sci. 1992;50(3):219-26.
PMID: 1309936 [PubMed - indexed for MEDLINE]
-  **74:** [Löffler BM, Kalina B, Kunze H.](#) [Related Articles, Links](#)
-  **Partial characterisation and subcellular distribution patterns of endothelin-1, -2 and -3 binding sites in human liver.**
Biochem Biophys Res Commun. 1991 Dec 16;181(2):840-5.
PMID: 1661591 [PubMed - indexed for MEDLINE]
-  **75:** [Hosoda K, Nakao K, Hiroshi-Arai, Suga S, Ogawa Y, Mukoyama M, Shirakami G, Saito Y, Nakanishi S, Imura H.](#) [Related Articles, Links](#)
-  **Cloning and expression of human endothelin-1 receptor cDNA.**
FEBS Lett. 1991 Aug 5;287(1-2):23-6.
PMID: 1652463 [PubMed - indexed for MEDLINE]
-  **76:** [Gillard V, Roubert P, Viossat I, Loquet I, Chapelat M, Brink C, Chabrier PE, Braquet P.](#) [Related Articles, Links](#)

-  [Endothelin receptors and endothelin-1 immunoreactivity in the human lung]
Arch Mal Coeur Vaiss. 1991 Aug;84(8):1065-8. French.
PMID: 1659343 [PubMed - indexed for MEDLINE]
-  **77:** Ogawa Y, Nakao K, Arai H, Nakagawa O, Hosoda K, Suga S, Nakanishi S, Imura H. [Related Articles, Links](#)
-  Molecular cloning of a non-isopeptide-selective human endothelin receptor.
Biochem Biophys Res Commun. 1991 Jul 15;178(1):248-55.
PMID: 1648908 [PubMed - indexed for MEDLINE]
-  **78:** Wilkes BM, Ruston AS, Mento P, Girardi E, Hart D, Vander Molen M, Barnett R, Nord EP. [Related Articles, Links](#)
-  Characterization of endothelin 1 receptor and signal transduction mechanisms in rat medullary interstitial cells.
Am J Physiol. 1991 Apr;260(4 Pt 2):F579-89.
PMID: 1849365 [PubMed - indexed for MEDLINE]
-  **79:** Robaut C, Mondon F, Bandet J, Ferre F, Cavero L. [Related Articles, Links](#)
-  Regional distribution and pharmacological characterization of [125I] endothelin-1 binding sites in human fetal placental vessels.
Placenta. 1991 Jan-Feb;12(1):55-67.
PMID: 1851987 [PubMed - indexed for MEDLINE]
-  **80:** McKay KO, Black JL, Diment LM, Armour CL. [Related Articles, Links](#)
-  Functional and autoradiographic studies of endothelin-1 and endothelin-2 in human bronchi, pulmonary arteries, and airway parasympathetic ganglia.
J Cardiovasc Pharmacol. 1991;17 Suppl 7:S206-9.
PMID: 1725334 [PubMed - indexed for MEDLINE]
-  **81:** Davenport AP, Morton AJ, Brown MJ. [Related Articles, Links](#)
-  Localization of endothelin-1 (ET-1), ET-2, and ET-3, mouse VIC, and sarafotoxin S6b binding sites in mammalian heart and kidney.
J Cardiovasc Pharmacol. 1991;17 Suppl 7:S152-5.
PMID: 1725315 [PubMed - indexed for MEDLINE]
-  **82:** Cain MJ, Garlick RK, Sweetman PM. [Related Articles, Links](#)
-  Endothelin-1 receptor binding assay for high throughput chemical screening.
J Cardiovasc Pharmacol. 1991;17 Suppl 7:S150-1.
PMID: 1725314 [PubMed - indexed for MEDLINE]
-  **83:** Berry JA, Burgess AJ, Towers P. [Related Articles, Links](#)
-  Scintillation proximity assay: competitive binding studies with [125I] endothelin-1 in human placenta and porcine lung.
J Cardiovasc Pharmacol. 1991;17 Suppl 7:S143-5.
PMID: 1725312 [PubMed - indexed for MEDLINE]
-  **84:** Takayanagi R, Ohnaka K, Takasaki C, Ohashi M, Nawata H. [Related Articles, Links](#)
-  Multiple subtypes of endothelin receptors in human and porcine tissues: characterization by ligand binding, affinity labeling, and regional distribution.
J Cardiovasc Pharmacol. 1991;17 Suppl 7:S127-30.
PMID: 1725306 [PubMed - indexed for MEDLINE]
-  **85:** Hemsen A. [Related Articles, Links](#)

Biochemical and functional characterization of endothelin peptides with

-  **special reference to vascular effects.**
Acta Physiol Scand Suppl. 1991;602:1-61.
PMID: 1659115 [PubMed - indexed for MEDLINE]
-  **86:** Hemsen A, Franco-Cereceda A, Matran R, Rudehill A, Lundberg JM. [Related Articles, Links](#)
Occurrence, specific binding sites and functional effects of endothelin in human cardiopulmonary tissue.
Eur J Pharmacol. 1990 Dec 4;191(3):319-28.
PMID: 1964907 [PubMed - indexed for MEDLINE]
-  **87:** Kurihara M, Ochi A, Kawaguchi T, Niwa M, Kataoka Y, Mori K. [Related Articles, Links](#)
Localization and characterization of endothelin receptors in human gliomas: a growth factor?
Neurosurgery. 1990 Aug;27(2):275-81.
PMID: 2166928 [PubMed - indexed for MEDLINE]
-  **88:** Gomez-Sanchez CE, Cozza EN, Foecking MF, Chiou S, Ferris MW. [Related Articles, Links](#)
Endothelin receptor subtypes and stimulation of aldosterone secretion.
Hypertension. 1990 Jun;15(6 Pt 2):744-7.
PMID: 2161792 [PubMed - indexed for MEDLINE]
-  **89:** Wada K, Tabuchi H, Ohba R, Satoh M, Tachibana Y, Akiyama N, Hiraoka O, Asakura A, Miyamoto C, Furuichi Y. [Related Articles, Links](#)
Purification of an endothelin receptor from human placenta.
Biochem Biophys Res Commun. 1990 Feb 28;167(1):251-7.
PMID: 2155613 [PubMed - indexed for MEDLINE]
-  **90:** Waeber C, Hoyer D, Palacios JM. [Related Articles, Links](#)
Similar distribution of [125I]sarafotoxin-6b and [125I]endothelin-1, -2, -3 binding sites in the human kidney.
Eur J Pharmacol. 1990 Feb 6;176(2):233-6.
PMID: 2155801 [PubMed - indexed for MEDLINE]
-  **91:** Inoue A, Yanagisawa M, Kimura S, Kasuya Y, Miyauchi T, Goto K, Masaki T. [Related Articles, Links](#)
The human endothelin family: three structurally and pharmacologically distinct isopeptides predicted by three separate genes.
Proc Natl Acad Sci U S A. 1989 Apr;86(8):2863-7.
PMID: 2649896 [PubMed - indexed for MEDLINE]
-  **92:** Takuwa Y, Yanagisawa M, Takuwa N, Masaki T. [Related Articles, Links](#)
Endothelin, its diverse biological activities and mechanisms of action.
Prog Growth Factor Res. 1989;1(4):195-206. Review.
PMID: 2491262 [PubMed - indexed for MEDLINE]

Display **Summary** Show: **500** Sort **Send to** **Text**
Items 1-92 of 92 One page.

[Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)
[Department of Health & Human Services](#)
[Freedom of Information Act](#) | [Disclaimer](#)

May 3 2004 06:56:40

Connecting via winsock to STN
Welcome to STN International! Enter x:x
* * * * * Welcome to STN International * * * * *
* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 16:46:57 ON 12 MAY 2004

=> file BIOSCIENCE

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

FILE 'ADISCTI' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISINSIGHT' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISNEWS' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'AGRICOLA' ENTERED AT 16:47:08 ON 12 MAY 2004

FILE 'ANABSTR' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 THE ROYAL SOCIETY OF CHEMISTRY (RSC)

FILE 'AQUASCI' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT 2004 FAO (On behalf of the ASFA Advisory Board). All rights reserved.

FILE 'BIOBUSINESS' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 Biological Abstracts, Inc. (BIOSIS)

FILE 'BIOCOMMERCE' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 BioCommerce Data Ltd. Richmond Surrey, United Kingdom. All rights reserved

FILE 'BIOSIS' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOTECHNO' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'CABA' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 CAB INTERNATIONAL (CABI)

FILE 'CANCERLIT' ENTERED AT 16:47:08 ON 12 MAY 2004

FILE 'CAPLUS' ENTERED AT 16:47:08 ON 12 MAY 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CEABA-VTB' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 DECHEMA eV

FILE 'CEN' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CIN' ENTERED AT 16:47:08 ON 12 MAY 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CONFSCI' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'CROPB' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'CROPU' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DISSABS' ENTERED AT 16:47:08 ON 12 MAY 2004

COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved.

FILE 'DDFB' ACCESS NOT AUTHORIZED

FILE 'DDFU' ACCESS NOT AUTHORIZED

FILE 'DGENE' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DRUGB' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DRUGMONOG2' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'IMSDRUGNEWS' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'DRUGU' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'IMSRESEARCH' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'EMBAL' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'EMBASE' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'ESBIOBASE' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'FEDRIP' ENTERED AT 16:47:08 ON 12 MAY 2004

FILE 'FOMAD' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FOREGE' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FROSTI' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FSTA' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 International Food Information Service

FILE 'GENBANK' ENTERED AT 16:47:08 ON 12 MAY 2004

FILE 'HEALSAFE' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'IFIPAT' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 IFI CLAIMS(R) Patent Services (IFI)

FILE 'IMSPRODUCT' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'JICST-EPLUS' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Japan Science and Technology Agency (JST)

FILE 'KOSMET' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 International Federation of the Societies of Cosmetics Chemists

FILE 'LIFESCI' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'MEDICONF' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 FAIRBASE Datenbank GmbH, Hannover, Germany

FILE 'MEDLINE' ENTERED AT 16:47:08 ON 12 MAY 2004

FILE 'NIOSHTIC' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 U.S. Secretary of Commerce on Behalf of the U.S. Government

FILE 'NTIS' ENTERED AT 16:47:08 ON 12 MAY 2004
Compiled and distributed by the NTIS, U.S. Department of Commerce.
It contains copyrighted material.

All rights reserved. (2004)

FILE 'NUTRACEUT' ENTERED AT 16:47:08 ON 12 MAY 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'OCEAN' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'PASCAL' ENTERED AT 16:47:08 ON 12 MAY 2004
Any reproduction or dissemination in part or in full,
by means of any process and on any support whatsoever
is prohibited without the prior written agreement of INIST-CNRS.
COPYRIGHT (C) 2004 INIST-CNRS. All rights reserved.

FILE 'PCTGEN' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 WIPO

FILE 'PHAR' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PHARMAML' ENTERED AT 16:47:08 ON 12 MAY 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'PHIC' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PHIN' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PROMT' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Gale Group. All rights reserved.

FILE 'RDISCLOSURE' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Kenneth Mason Publications Ltd.

FILE 'SCISEARCH' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT 2004 THOMSON ISI

FILE 'SYNTHLINE' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 Prous Science

FILE 'TOXCENTER' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 ACS

FILE 'USPATFULL' ENTERED AT 16:47:08 ON 12 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 16:47:08 ON 12 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'VETB' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'VETU' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPIDS' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPIFV' ENTERED AT 16:47:08 ON 12 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s human endothelin receptor
12 FILES SEARCHED...
22 FILES SEARCHED...
40 FILES SEARCHED...
57 FILES SEARCHED...
L1 498 HUMAN ENDOTHELIN RECEPTOR

=> DUP REM L1
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L1
L2 275 DUP REM L1 (223 DUPLICATES REMOVED)

=> D L2 1-275

L2 ANSWER 1 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:354796 CAPLUS
TI Endothelin receptor antagonist-EGF receptor tyrosine kinase inhibitor
combination for the treatment of cancer
IN Boyle, Francis Thomas; Curwen, Jon Owen; Gallagher, Neil James; Hancox,
Ursula Joy; Hughes, Andrew Mark; Johnstone, Donna; Taylor, Sian Tomiko;
Tonge, David William
PA Astrazeneca AB, Swed.; Astrazeneca UK Limited
SO PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004035057	A1	20040429	WO 2003-GB4347	20031007
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRAI	GB 2002-23854	A	20021012		
RE.CNT	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L2 ANSWER 2 OF 275 USPATFULL on STN
AN 2004:95540 USPATFULL
TI G-protein coupled receptors
IN Lal, Preeti G, Santa Clara, CA, UNITED STATES
Baughn, Mariah R., San Leandro, CA, UNITED STATES
Hafalia, April J.A., Santa Clara, CA, UNITED STATES
Nguyen, Danniell B., San Jose, CA, UNITED STATES
Gandhi, Ameena R., Menlo Park, CA, UNITED STATES
Kallick, Deborah A., Menlo Park, CA, UNITED STATES
Griffin, Jennifer A., Fremont, CA, UNITED STATES
Yue, Henry, Sunnyvale, CA, UNITED STATES
Khan, Farrah A., Mountain View, CA, UNITED STATES
Arvizu, Chandra S., Menlo Park, CA, UNITED STATES
Lu, Dyung Aina M., San Jose, CA, UNITED STATES
Tribouley, Catherine M., San Francisco, CA, UNITED STATES
Lu, Yan, Palo Alto, CA, UNITED STATES
Chawla, Narinder K., San Leandro, CA, UNITED STATES
Graul, Richard C., San Francisco, CA, UNITED STATES
Yao, Monique G., Mountain View, CA, UNITED STATES
Yang, Junming, San Jose, CA, UNITED STATES
Ramkumar, Jayakaxmi, Fremont, CA, UNITED STATES
Au-Young, Janice K., Brisbane, CA, UNITED STATES
Elliott, Vicky S., San Jose, CA, UNITED STATES
Hernandez, Roberto, Canterbury, UNITED KINGDOM
Walsh, Roderick T., Canterbury, UNITED KINGDOM
Borowsky, Mark L., Redwood City, CA, UNITED STATES
Thornton, Michael R., Woodside, CA, UNITED STATES
He, Ann, San Jose, CA, UNITED STATES
PI US 2004072996 A1 20040415
AI US 2003-311671 A1 20030821 (10)
WO 2001-US19275 20010615
DT Utility
FS APPLICATION
LN.CNT 6778
INCL INCLM: 530/350.000
NCL NCLM: 530/350.000
IC [7]
ICM: C07K014-705
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 3 OF 275 USPATFULL on STN
AN 2004:50778 USPATFULL
TI Gene expression in bladder tumors
IN Orntoft, Torben F., Aabyhoj, DENMARK
PI US 2004038207 A1 20040226
AI US 2001-951968 A1 20010914 (9)
RLI Division of Ser. No. US 2000-510643, filed on 22 Feb 2000, UNKNOWN
DT Utility
FS APPLICATION
LN.CNT 28561
INCL INCLM: 435/006.000
NCL NCLM: 435/006.000
IC [7]
ICM: C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 4 OF 275 USPATFULL on STN
AN 2004:7465 USPATFULL
TI Poroplasts
IN Surber, Mark W., Coronado, CA, UNITED STATES
Giacalone, Matthew, San Diego, CA, UNITED STATES
PI US 2004005700 A1 20040108
AI US 2002-157339 A1 20020528 (10)
DT Utility
FS APPLICATION
LN.CNT 18539
INCL INCLM: 435/317.100
INCLS: 435/455.000; 435/252.300
NCL NCLM: 435/317.100
NCLS: 435/455.000; 435/252.300
IC [7]
ICM: C12N001-20
ICS: C12N015-85
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 5 OF 275 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2004-06586 BIOTECHDS
TI Characterization and application of monoclonal antibodies against human
endothelin B receptor expressed in insect cells;
antibody production against ***human*** ***endothelin***
receptor via cell culture for use in immuno-cytochemical study
AU YAMAGUCHI T; ARIMOTO-TAHARA I; FUJIYOSHI Y; DOI T
CS Kyoto Univ
LO Doi T, Kyoto Univ, Grad Sch Sci, Dept Biophys, Sakyo Ku, Kyoto 6068502,
Japan
SO BIOTECHNOLOGY LETTERS; (2004) 26, 4, 293-299 ISSN: 0141-5492
DT Journal
LA English

L2 ANSWER 6 OF 275 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2004-05563 BIOTECHDS
TI A new ***human*** ***endothelin*** ***receptor*** is useful
to screen for antagonists to treat essential hypertension, vasospastic
stenocardia, acute myocardial infarction, chronic renal insufficiency,
subarachnoid hemorrhage or hypoxia;
vector-mediated gene transfer and expression in host cell for
recombinant protein production and drug screening
AU IMURA H; NAKANISHI S; NAKAO K
PA SHIONOGI and CO LTD
PI EP 1355156 22 Oct 2003
AI EP 1992-14202 10 Jul 1992
PRAI JP 1991-172828 12 Jul 1991; JP 1991-172828 12 Jul 1991
DT Patent
LA English
OS WPI: 2004-013630 [02]

L2 ANSWER 7 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:376632 CAPLUS
DN 138:379204
TI Use of endothelin receptor antagonists in the treatment of tumor diseases
IN Osswald, Mathias; Dorsch, Dieter; Mederski, Werner; Amendt, Christiane;
Grell, Matthias
PA Merck Patent GMBH, Germany
SO PCT Int. Appl., 96 pp.
CODEN: PIXXD2
DT Patent

LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003039539	A2	20030515	WO 2002-EP11350	20021010
	WO 2003039539	A3	20031106		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10155076	A1	20030522	DE 2001-10155076	20011109
PRAI	DE 2001-10155076	A	20011109		
OS	MARPAT 138:379204				

L2 ANSWER 8 OF 275 USPATFULL on STN
AN 2003:330633 USPATFULL
TI Pyrazole compositions
IN Banks, Bernard Joseph, Sandwich, UNITED KINGDOM
Logan, Nathan Anthony, Sandwich, UNITED KINGDOM
Eshelby, James John, Sandwich, UNITED KINGDOM
Schulz, Darren John, Sandwich, UNITED KINGDOM
PA Pfizer Inc. (non-U.S. corporation)
PI US 2003232848 A1 20031218
AI US 2003-405719 A1 20030402 (10)
RLI Division of Ser. No. US 2001-934119, filed on 21 Aug 2001, GRANTED, Pat.
No. US 6573270 Continuation of Ser. No. US 2000-628493, filed on 28 Jul
2000, ABANDONED
PRAI GB 2000-13368 20000531
GB 1999-17858 19990729
DT Utility
FS APPLICATION
LN.CNT 5404
INCL INCLM: 514/269.000
INCLS: 544/316.000
NCL NCLM: 514/269.000
NCLS: 544/316.000
IC [7]
ICM: A61K031-513
ICS: C07D043-02
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 9 OF 275 USPATFULL on STN
AN 2003:330124 USPATFULL
TI Minicell-based screening for compounds and proteins that modulate the
activity of signalling proteins
IN Surber, Mark W., Coronado, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
PI US 2003232335 A1 20031218
AI US 2002-157317 A1 20020528 (10)
PRAI US 2002-359843P 20020225 (60)
DT Utility
FS APPLICATION
LN.CNT 18564
INCL INCLM: 435/006.000
INCLS: 435/007.100; 435/007.200
NCL NCLM: 435/006.000
NCLS: 435/007.100; 435/007.200
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; G01N033-567

L2 ANSWER 10 OF 275 USPATFULL on STN
AN 2003:318700 USPATFULL
TI Antibodies to native conformations of membrane proteins
IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES
PI US 2003224444 A1 20031204
AI US 2002-157491 A1 20020528 (10)

PRAI US 2002-359843P 20020225 (60)
DT Utility
FS APPLICATION
LN.CNT 18559
INCL INCLM: 435/007.100
INCLS: 435/069.100; 435/326.000; 530/387.100
NCL NCLM: 435/007.100
NCLS: 435/069.100; 435/326.000; 530/387.100
IC [7]
ICM: G01N033-53
ICS: C12N005-06; C07K016-00; C12P021-02

L2 ANSWER 11 OF 275 USPATFULL on STN
AN 2003:318625 USPATFULL
TI Reverse screening and target identification with minicells
IN Surber, Mark W., Coronado, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Gerhart, William, La Mesa, CA, UNITED STATES
PI US 2003224369 A1 20031204
AI US 2002-157171 A1 20020528 (10)
PRAI US 2002-359843P 20020225 (60)
DT Utility
FS APPLICATION
LN.CNT 18610
INCL INCLM: 435/006.000
NCL NCLM: 435/006.000
IC [7]
ICM: C12Q001-68

L2 ANSWER 12 OF 275 USPATFULL on STN
AN 2003:312291 USPATFULL
TI Minicell-based bioremediation
IN Segall, Anca M., San Diego, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
PI US 2003219888 A1 20031127
AI US 2002-157418 A1 20020528 (10)
RLI Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
PRAI US 2002-359843P 20020225 (60)
US 2001-293566P 20010524 (60)
DT Utility
FS APPLICATION
LN.CNT 18632
INCL INCLM: 435/262.500
NCL NCLM: 435/262.500
IC [7]
ICM: C12S001-00

L2 ANSWER 13 OF 275 USPATFULL on STN
AN 2003:311814 USPATFULL
TI Methods of making pharmaceutical compositions with minicells
IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
PI US 2003219408 A1 20031127
AI US 2002-157320 A1 20020528 (10)
RLI Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
PRAI US 2002-359843P 20020225 (60)
US 2001-293566P 20010524 (60)
DT Utility
FS APPLICATION
LN.CNT 18632
INCL INCLM: 424/093.200
NCL NCLM: 424/093.200
IC [7]
ICM: A61K048-00

L2 ANSWER 14 OF 275 USPATFULL on STN
AN 2003:300375 USPATFULL
TI Minicell-based delivery agents
IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES
PI US 2003211599 A1 20031113
AI US 2002-157106 A1 20020528 (10)
RLI Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
PRAI US 2002-359843P 20020225 (60)
US 2001-293566P 20010524 (60)

DT Utility
FS APPLICATION
LN.CNT 18671
INCL INCLM: 435/325.000
INCLS: 435/252.300
NCL NCLM: 435/325.000
NCLS: 435/252.300
IC [7]
ICM: C12N005-02
ICS: C12N001-21

L2 ANSWER 15 OF 275 USPATFULL on STN
AN 2003:299865 USPATFULL
TI Minicell-based selective absorption
IN Berkley, Neil, San Diego, CA, UNITED STATES
Sabbadini, Roger A., Lakeside, CA, UNITED STATES
PI US 2003211086 A1 20031113
AI US 2002-157073 A1 20020528 (10)
PRAI US 2001-295566P 20010605 (60)
US 2002-359843P 20020225 (60)

DT Utility
FS APPLICATION
LN.CNT 18553
INCL INCLM: 424/093.210
INCLS: 435/325.000; 424/001.730; 424/001.490
NCL NCLM: 424/093.210
NCLS: 435/325.000; 424/001.730; 424/001.490
IC [7]
ICM: A61K051-00
ICS: A61K048-00; C12N005-00

L2 ANSWER 16 OF 275 USPATFULL on STN
AN 2003:294815 USPATFULL
TI Pharmaceutical compositions with minicells
IN Berkley, Neil, San Diego, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
Sabbadini, Roger A., Lakeside, CA, UNITED STATES
PI US 2003207833 A1 20031106
AI US 2002-156811 A1 20020528 (10)
PRAI US 2002-359843P 20020225 (60)

DT Utility
FS APPLICATION
LN.CNT 18585
INCL INCLM: 514/044.000
INCLS: 424/093.210
NCL NCLM: 514/044.000
NCLS: 424/093.210
IC [7]
ICM: A61K048-00

L2 ANSWER 17 OF 275 USPATFULL on STN
AN 2003:288723 USPATFULL
TI Conjugated minicells
IN Surber, Mark W., Coronado, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
PI US 2003203481 A1 20031030
AI US 2002-157213 A1 20020528 (10)
PRAI US 2002-359843P 20020225 (60)

DT Utility
FS APPLICATION
LN.CNT 18551
INCL INCLM: 435/325.000
NCL NCLM: 435/325.000
IC [7]
ICM: C12N005-02

L2 ANSWER 18 OF 275 USPATFULL on STN
AN 2003:288659 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates
and uses therefor
IN Fowlkes, Dana M., Chapel Hill, NC, UNITED STATES
Broach, James R., Princeton, NJ, UNITED STATES
Manfredi, John P., Salt Lake City, UT, UNITED STATES
Klein, Christine A., Salt Lake City, UT, UNITED STATES
Murphy, Andrew J.M., Croton-On-Hudson, NY, UNITED STATES
Paul, Jeremy I., Nyack, NY, UNITED STATES

Trueheart, Joshua, Concord, MA, UNITED STATES
PI US 2003203417 A1 20031030
AI US 2002-263341 A1 20021001 (10)
RLI Continuation of Ser. No. US 1999-309196, filed on 10 May 1999, ABANDONED
Continuation of Ser. No. US 1994-322137, filed on 13 Oct 1994, GRANTED,
Pat. No. US 6100042 Continuation-in-part of Ser. No. US 1994-309313,
filed on 20 Sep 1994, ABANDONED Continuation-in-part of Ser. No. US
1994-190328, filed on 31 Jan 1994, ABANDONED Continuation-in-part of
Ser. No. US 1993-41431, filed on 31 Mar 1993, ABANDONED
DT Utility
FS APPLICATION
LN.CNT 6426
INCL INCLM: 435/007.310
INCLS: 435/254.200
NCL NCLM: 435/007.310
NCLS: 435/254.200
IC [7]
ICM: G01N033-53
ICS: G01N033-569; C12N001-18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 19 OF 275 USPATFULL on STN
AN 2003:288653 USPATFULL
TI Methods of minicell-based delivery
IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES
PI US 2003203411 A1 20031030
AI US 2002-156792 A1 20020528 (10)
PRAI US 2001-295566P 20010605 (60)
US 2002-359843P 20020225 (60)
DT Utility
FS APPLICATION
LN.CNT 18582
INCL INCLM: 435/007.200
INCLS: 424/001.490
NCL NCLM: 435/007.200
NCLS: 424/001.490
IC [7]
ICM: A61K051-00
ICS: G01N033-53; G01N033-567

L2 ANSWER 20 OF 275 USPATFULL on STN
AN 2003:288179 USPATFULL
TI Minicell-based diagnostics
IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
PI US 2003202937 A1 20031030
AI US 2002-157178 A1 20020528 (10)
PRAI US 2001-295566P 20010605 (60)
US 2002-359843P 20020225 (60)
DT Utility
FS APPLICATION
LN.CNT 18527
INCL INCLM: 424/001.490
INCLS: 424/009.340; 424/009.500
NCL NCLM: 424/001.490
NCLS: 424/009.340; 424/009.500
IC [7]
ICM: A61K051-00
ICS: A61K049-00

L2 ANSWER 21 OF 275 USPATFULL on STN
AN 2003:282746 USPATFULL
TI Membrane to membrane delivery
IN Surber, Mark W., Coronado, CA, UNITED STATES
Sabbadini, Roger A., Lakeside, CA, UNITED STATES
PI US 2003199089 A1 20031023
AI US 2002-157318 A1 20020528 (10)
PRAI US 2001-295566P 20010605 (60)
US 2002-359843P 20020225 (60)
DT Utility
FS APPLICATION
LN.CNT 18530

INCL INCLM: 435/449.000
INCLS: 435/455.000
NCL NCLM: 435/449.000
NCLS: 435/455.000
IC [7]
ICM: C12N015-85
ICS: C12N015-02

L2 ANSWER 22 OF 275 USPATFULL on STN
AN 2003:282745 USPATFULL
TI Minicell-based gene therapy
IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES
PI US 2003199088 A1 20031023
AI US 2002-156902 A1 20020528 (10)
PRAI US 2001-295566P 20010605 (60)
US 2002-359843P 20020225 (60)
DT Utility
FS APPLICATION
LN.CNT 15300
INCL INCLM: 435/449.000
INCLS: 435/325.000; 435/320.100
NCL NCLM: 435/449.000
NCLS: 435/325.000; 435/320.100
IC [7]
ICM: C12N015-02
ICS: C12N005-00

L2 ANSWER 23 OF 275 USPATFULL on STN
AN 2003:282662 USPATFULL
TI Solid supports with minicells
IN Sabbadini, Roger, Lakeside, CA, UNITED STATES
Klepper, Robert, San Diego, CA, UNITED STATES
PI US 2003199005 A1 20031023
AI US 2002-157166 A1 20020528 (10)
RLI Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
PRAI US 2002-359843P 20020225 (60)
US 2001-293566P 20010524 (60)
DT Utility
FS APPLICATION
LN.CNT 18494
INCL INCLM: 435/007.210
INCLS: 435/325.000
NCL NCLM: 435/007.210
NCLS: 435/325.000
IC [7]
ICM: G01N033-567
ICS: C12N005-00

L2 ANSWER 24 OF 275 USPATFULL on STN
AN 2003:282653 USPATFULL
TI Minicell libraries
IN Surber, Mark W., Coronado, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Gerhart, William, La Mesa, CA, UNITED STATES
Sabbadini, Roger A., Lakeside, CA, UNITED STATES
PI US 2003198996 A1 20031023
AI US 2002-157147 A1 20020528 (10)
RLI Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
PRAI US 2001-293566P 20010524 (60)
US 2002-359843P 20020225 (60)
DT Utility
FS APPLICATION
LN.CNT 18482
INCL INCLM: 435/007.100
INCLS: 435/325.000
NCL NCLM: 435/007.100
NCLS: 435/325.000
IC [7]
ICM: G01N033-53
ICS: C12N005-00

L2 ANSWER 25 OF 275 USPATFULL on STN
AN 2003:282652 USPATFULL
TI Forward screening with minicells

IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
 Berkley, Neil, San Diego, CA, UNITED STATES
 Surber, Mark W., Coronado, CA, UNITED STATES
 Gerhart, William, La Mesa, CA, UNITED STATES

PI US 2003198995 A1 20031023
 AI US 2002-156831 A1 20020528 (10)
 RLI Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
 PRAI US 2002-359843P 20020225 (60)
 US 2001-293566P 20010524 (60)

DT Utility
 FS APPLICATION
 LN.CNT 18533

INCL INCLM: 435/007.100
 INCLS: 435/007.210; 435/005.000

NCL NCLM: 435/007.100
 NCLS: 435/007.210; 435/005.000

IC [7]
 ICM: C12Q001-70
 ICS: G01N033-53; G01N033-567

L2 ANSWER 26 OF 275 USPATFULL on STN
 AN 2003:276773 USPATFULL
 TI Minicell compositions and methods
 IN Surber, Mark W., Coronado, CA, UNITED STATES
 Sabbadini, Roger A., Lakeside, CA, UNITED STATES

PI US 2003194798 A1 20031016
 AI US 2002-154951 A1 20020524 (10)
 PRAI US 2001-293566P 20010524 (60)
 US 2002-359843P 20020225 (60)

DT Utility
 FS APPLICATION
 LN.CNT 18583

INCL INCLM: 435/252.100
 INCLS: 435/252.300

NCL NCLM: 435/252.100
 NCLS: 435/252.300

IC [7]
 ICM: C12N001-20
 ICS: C12N001-21

L2 ANSWER 27 OF 275 USPATFULL on STN
 AN 2003:276689 USPATFULL
 TI Minicell-based transformation
 IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
 Berkley, Neil, San Diego, CA, UNITED STATES
 Surber, Mark W., Coronado, CA, UNITED STATES

PI US 2003194714 A1 20031016
 AI US 2002-157299 A1 20020528 (10)
 PRAI US 2001-295566P 20010605 (60)
 US 2002-359843P 20020225 (60)

DT Utility
 FS APPLICATION
 LN.CNT 18595

INCL INCLM: 435/006.000
 INCLS: 435/325.000; 435/455.000

NCL NCLM: 435/006.000
 NCLS: 435/325.000; 435/455.000

IC [7]
 ICM: C12Q001-68
 ICS: C12N005-00; C12N015-85

L2 ANSWER 28 OF 275 USPATFULL on STN
 AN 2003:271146 USPATFULL
 TI Minicell-producing parent cells
 IN Surber, Mark W., Coronado, CA, UNITED STATES
 Sabbadini, Roger A., Lakeside, CA, UNITED STATES
 Segall, Anca M., San Diego, CA, UNITED STATES
 Berkley, Neil, San Diego, CA, UNITED STATES

PI US 2003190749 A1 20031009
 AI US 2002-157215 A1 20020528 (10)
 RLI Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
 PRAI US 2002-359843P 20020225 (60)
 US 2001-293566P 20010524 (60)

DT Utility
 FS APPLICATION
 LN.CNT 18577

INCL INCLM: 435/375.000
NCL NCLM: 435/375.000
IC [7]
ICM: C12N005-10

L2 ANSWER 29 OF 275 USPATFULL on STN
AN 2003:271080 USPATFULL
TI Minicell-based rational drug design
IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES
PI US 2003190683 A1 20031009
AI US 2002-157302 A1 20020528 (10)
RLI Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
PRAI US 2002-359843P 20020225 (60)
US 2001-293566P 20010524 (60)
DT Utility
FS APPLICATION
LN.CNT 18539
INCL INCLM: 435/007.210
INCLS: 435/325.000; 702/019.000
NCL NCLM: 435/007.210
NCLS: 435/325.000; 702/019.000
IC [7]
ICM: G01N033-567
ICS: G06F019-00; G01N033-48; G01N033-50; C12N005-00

L2 ANSWER 30 OF 275 USPATFULL on STN
AN 2003:270998 USPATFULL
TI Target display on minicells
IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Surber, Mark W., Coronada, CA, UNITED STATES
PI US 2003190601 A1 20031009
AI US 2002-157096 A1 20020528 (10)
RLI Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
PRAI US 2002-359843P 20020225 (60)
US 2001-293566P 20010524 (60)
DT Utility
FS APPLICATION
LN.CNT 18581
INCL INCLM: 435/005.000
INCLS: 435/006.000; 435/007.100; 435/007.210
NCL NCLM: 435/005.000
NCLS: 435/006.000; 435/007.100; 435/007.210
IC [7]
ICM: C12Q001-70
ICS: C12Q001-68; G01N033-53; G01N033-567

L2 ANSWER 31 OF 275 USPATFULL on STN
AN 2003:238122 USPATFULL
TI Minicell-based transfection
IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
PI US 2003166279 A1 20030904
AI US 2002-157391 A1 20020528 (10)
RLI Division of Ser. No. US 2002-154951, filed on 24 May 2002, PENDING
PRAI US 2002-359843P 20020225 (60)
US 2001-293566P 20010524 (60)
DT Utility
FS APPLICATION
LN.CNT 18548
INCL INCLM: 435/449.000
INCLS: 435/320.100; 435/325.000
NCL NCLM: 435/449.000
NCLS: 435/320.100; 435/325.000
IC [7]
ICM: C12N015-02
ICS: C12N005-00

L2 ANSWER 32 OF 275 USPATFULL on STN
AN 2003:237942 USPATFULL
TI Minicells comprising membrane proteins
IN Sabbadini, Roger A., Lakeside, CA, UNITED STATES
Surber, Mark W., Coronado, CA, UNITED STATES
Berkley, Neil, San Diego, CA, UNITED STATES
Segall, Anca M., San Diego, CA, UNITED STATES

Klepper, Robert, San Diego, CA, UNITED STATES
PI US 2003166099 A1 20030904
AI US 2002-157305 A1 20020528 (10)
PRAI US 2001-295566P 20010605 (60)
US 2002-359843P 20020225 (60)
DT Utility
FS APPLICATION
LN.CNT 18580
INCL INCLM: 435/069.100
INCLS: 435/325.000
NCL NCLM: 435/069.100
NCLS: 435/325.000
IC [7]
ICM: C12P021-02
ICS: C12N005-00

L2 ANSWER 33 OF 275 USPATFULL on STN
AN 2003:166549 USPATFULL
TI Antisense modulation of G protein-coupled receptor ETBR-LP-2 expression
IN Monia, Brett P., Encinitas, CA, UNITED STATES
Freier, Susan M., San Diego, CA, UNITED STATES
PI US 2003114407 A1 20030619
AI US 2002-279186 A1 20021023 (10)
RLI Continuation of Ser. No. US 2001-3126, filed on 6 Dec 2001, ABANDONED
DT Utility
FS APPLICATION
LN.CNT 3390
INCL INCLM: 514/044.000
INCLS: 536/023.500; 435/006.000; 435/375.000
NCL NCLM: 514/044.000
NCLS: 536/023.500; 435/006.000; 435/375.000
IC [7]
ICM: A61K048-00
ICS: C12Q001-68; C07H021-04; C12N005-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 34 OF 275 USPATFULL on STN
AN 2003:10685 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates,
and uses therefor
IN FOWLKES, DANA MERRIMAN, CHAPEL HILL, NC, UNITED STATES
BROACH, JIM, PRINCETON, NJ, UNITED STATES
MANFREDI, JOHN, NEW YORK, NY, UNITED STATES
KLEIN, CHRISTINE, NEW YORK, NY, UNITED STATES
MURPHY, ANDREW J., MONTCLAIR, NJ, UNITED STATES
PAUL, DR. JEREMY, SOUTH NYACK, NY, UNITED STATES
TRUEHEART, JOSHUA, SOUTH NYACK, NY, UNITED STATES
PI US 2003008380 A1 20030109
AI US 1999-309196 A1 19990510 (9)
RLI Continuation of Ser. No. US 1994-322137, filed on 13 Oct 1994, GRANTED,
Pat. No. US 6100042 Continuation-in-part of Ser. No. US 1994-309313,
filed on 20 Sep 1994, ABANDONED Continuation-in-part of Ser. No. US
1994-190328, filed on 31 Jan 1994, ABANDONED Continuation-in-part of
Ser. No. US 1993-41431, filed on 31 Mar 1993, ABANDONED
DT Utility
FS APPLICATION
LN.CNT 5791
INCL INCLM: 435/254.200
INCLS: 435/007.310
NCL NCLM: 435/254.200
NCLS: 435/007.310
IC [7]
ICM: G01N033-53
ICS: G01N033-569; C12N001-14; C12N001-16; C12N001-18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 35 OF 275 USPATFULL on STN
AN 2003:148983 USPATFULL
TI Pyrazoles
IN Banks, Bernard Joseph, Sandwich, UNITED KINGDOM
Chubb, Nathan Anthony Logan, Sandwich, UNITED KINGDOM
Eshelby, James John, Sandwich, UNITED KINGDOM
Schulz, Darren John, Sandwich, UNITED KINGDOM
Pfizer Inc., New York, NY, United States (U.S. corporation)
PA
PI US 6573270 B1 20030603
AI US 2001-934119 20010821 (9)

RLI Continuation of Ser. No. US 2000-628493, filed on 28 Jul 2000, now
abandoned
PRAI GB 1999-17858 19990729
GB 2000-13368 20000531
DT Utility
FS GRANTED
LN.CNT 5264
INCL INCLM: 514/274.000
INCLS: 514/407.000; 544/316.000; 548/368.100
NCL NCLM: 514/274.000
NCLS: 514/407.000; 544/316.000; 548/368.100
IC [7]
ICM: A61K031-506
ICS: C07D237-24
EXF 514/274; 514/407; 544/316; 548/368.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 36 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:840226 CAPLUS
DN 140:314123
TI Endothelin receptor blockers in cardiovascular disease
AU Rich, Stuart; McLaughlin, Vallerie V.
CS Rush Heart Institute Center for Pulmonary Heart Disease, Rush Medical
College, Chicago, IL, USA
SO Circulation (2003), 108(18), 2184-2190
CODEN: CIRCAZ; ISSN: 0009-7322
PB Lippincott Williams & Wilkins
DT Journal; General Review
LA English
RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 37 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:76453 BIOSIS
DN PREV200400077983
TI Finding your way to the end: A tale of GDNF and endothelin-3.
AU Heuckeroth, Robert O. [Reprint Author]
CS Department of Pediatrics, Department of Molecular Biology and
Pharmacology, Washington University School of Medicine, 660 South Euclid
Avenue, Box 8208, St. Louis, MO, 63110, USA
SO Neuron, (December 4 2003) Vol. 40, No. 5, pp. 871-873. print.
ISSN: 0896-6273 (ISSN print).
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 4 Feb 2004
Last Updated on STN: 4 Feb 2004

L2 ANSWER 38 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:164824 CAPLUS
DN 139:316733
TI Endothelin-receptor antagonists are proapoptotic and antiproliferative in
human colon cancer cells
AU Peduto Eberl, L.; Bovey, R.; Juillerat-Jeanneret, L.
CS Univ. Inst. of Pathol., CHUV, Univ. of Lausanne, Lausanne, CH1101, Switz.
SO British Journal of Cancer (2003), 88(5), 788-795
CODEN: BJCAAI; ISSN: 0007-0920
PB Nature Publishing Group
DT Journal
LA English
RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 39 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:670443 CAPLUS
DN 140:87203
TI Endothelin receptor blockade inhibits molecular effectors of Kaposi's
sarcoma cell invasion and tumor growth in vivo
AU Rosano, Laura; Spinella, Francesca; Di Castro, Valeriana; Nicotra, Maria
Rita; Albinì, Adriana; Natali, Pier Giorgio; Bagnato, Anna
CS Laboratories of Molecular Pathology and Ultrastructure, Consiglio
Nazionale delle Ricerche, Rome, Italy
SO American Journal of Pathology (2003), 163(2), 753-762
CODEN: AJPA44; ISSN: 0002-9440
PB American Society for Investigative Pathology
DT Journal

LA English
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 40 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:925734 CAPLUS
DN 139:390556
TI Endothelin receptor antagonists in the treatment of prostate cancer
AU Lassiter, Lance K.; Carducci, Michael A.
CS Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, Baltimore, MD, 21231, USA
SO Seminars in Oncology (2003), 30(5), 678-688
CODEN: SOLGAV; ISSN: 0093-7754
PB W. B. Saunders Co.
DT Journal; General Review
LA English
RE.CNT 72 THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 41 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:84779 BIOSIS
DN PREV200400087192
TI Association of EDNRA, but not WNK4 or FKBP1B, polymorphisms with essential hypertension.
AU Benjafield, A. V.; Katyk, K.; Morris, B. J. [Reprint Author]
CS Basic and Clinical Genomics Laboratory, School of Medical Sciences, Institute of Biomedical Research, University of Sydney, Building F13, Sydney, NSW, 2006, Australia
brianm@physiol.usyd.edu.au
SO Clinical Genetics, (November 2003) vol. 64, No. 5, pp. 433-438. print.
ISSN: 0009-9163 (ISSN print).
DT Article
LA English
ED Entered STN: 11 Feb 2004
Last Updated on STN: 11 Feb 2004

L2 ANSWER 42 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:626168 CAPLUS
DN 140:280417
TI Endothelin receptor antagonists in heart failure - a refutation of a bold conjecture?
AU Spieker, Lukas E.; Luscher, Thomas F.
CS Cardiovascular Research, University Hospital, Division of Cardiology, Cardiovascular Center, Institute of Physiology and Clinical Research Center InterCorNet, Zurich, CH-8091, Switz.
SO European Journal of Heart Failure (2003), 5(4), 415-417
CODEN: EJHFFS; ISSN: 1388-9842
PB Elsevier Science B.V.
DT Journal; General Review
LA English
RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 43 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:247172 CAPLUS
DN 139:285676
TI Investigation of the mutual pharmacokinetic interactions between bosentan, a dual endothelin receptor antagonist, and simvastatin
AU Dingemans, Jasper; Schaarschmidt, Dieter; van Giersbergen, Paul L. M.
CS Department of Clinical Pharmacology, Actelion Pharmaceuticals Ltd, Allschwil, Switz.
SO Clinical Pharmacokinetics (2003), 42(3), 293-301
CODEN: CPKNDH; ISSN: 0312-5963
PB Adis International Ltd.
DT Journal
LA English
RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 44 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:749536 CAPLUS
DN 140:156398
TI Endothelin receptor antagonists: A new therapeutic option for improving the outcome after solid organ transplantation?
AU Goettmann, Uwe; van der Woude, Fokko J.; Braun, Claude
CS Fifth Department of Medicine (Nephrology/Endocrinology/Rheumatology),

University Hospital Mannheim, University of Heidelberg, Mannheim, D-68135,
Germany
SO Current Vascular Pharmacology (2003), 1(3), 281-299
CODEN: CVPUAY; ISSN: 1570-1611
PB Bentham Science Publishers Ltd.
DT Journal; General Review
LA English
RE.CNT 310 THERE ARE 310 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 45 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:970632 CAPLUS
DN 138:297831
TI Endothelin receptor blockade lowers plasma aldosterone levels via
different mechanisms in primary aldosteronism and high-to-normal renin
hypertension
AU Rossi, Gian Paolo; Ganzaroli, Chiara; Cesari, Maurizio; Maresca, Andrea;
Plebani, Mario; Nussdorfer, Gastone G.; Pessina, Achille C.
CS Clinica Medica 4, Department of Clinical and Experimental Medicine,
University Hospital, Padua, 35126, Italy
SO Cardiovascular Research (2003), 57(1), 277-283
CODEN: CVREAU; ISSN: 0008-6363
PB Elsevier Science B.V.
DT Journal
LA English
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 46 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:579967 CAPLUS
DN 139:127131
TI Endothelin receptor antagonist and anticytokine therapy for heart failure
AU Kinoshita, Makoto; Matsumori, Akira
CS Grad. Sch. Med., Kyoto Univ., Japan
SO Cardiac Practice (2003), 14(3), 271-275
CODEN: CARPEM; ISSN: 0915-874X
PB Medikaru Rebyusha
DT Journal; General Review
LA Japanese

L2 ANSWER 47 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:1009067 CAPLUS
DN 140:161632
TI Mutation of the endothelin-B receptor and the endothelin-3 gene in Chinese
sporadic cases of Hirschsprung's disease
AU Duan, Xianglong; Zhang, Xiansheng; Li, Guowei
CS Department of General Surgery, Second Hospital of Xi'an Jiaotong
University, Xi'an, 710004, Peop. Rep. China
SO Academic Journal of Xi'an Jiaotong University (2003), 15(2), 179-182
CODEN: AJXJA3; ISSN: 1671-8267
PB Xi'an Jiaotong University
DT Journal
LA English
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 48 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:644105 CAPLUS
DN 139:254582
TI Atrasentan: the first endothelin receptor antagonist for
hormone-refractory prostate cancer
AU Schulman, Claude
CS Department of Urology, Erasme Hospital, University Clinics Brussels,
Brussels, B-1070, Belg.
SO European Urology, Supplements (2003), 2(3), 20-27
CODEN: EUSUAA; ISSN: 1569-9056
PB Elsevier Science B.V.
DT Journal; General Review
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 49 OF 275 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2002-17671 BIOTECHDS
TI New ****human**** ****endothelin**** ****receptor**** B similar
protein23.65 and encoding polynucleotide, useful for treating G protein

coupled receptor malformation disease;
vector-mediated recombinant gene transfer and expression in host cell
for disease therapy

AU MAO Y; XIE Y
PA BODE GENE DEV CO LTD SHANGHAI
PI CN 1339466 13 Mar 2002
AI CN 2000-119652 21 Aug 2000
PRAI CN 2000-119652 21 Aug 2000
DT Patent
LA Chinese
OS WPI: 2002-464053 [50]

L2 ANSWER 50 OF 275 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 3
AN 10138787 IFIPAT;IFIUDB;IFICDB
TI ***HUMAN*** ***ENDOTHELIN*** ***RECEPTOR*** ; MEMBRANE PROTEIN

FOR USE IN CONTROLLING VASODILATION
IN Imura Hiroo (JP); Nakanishi Shigetada (JP); Nakao Kazuwa (JP)
PA Unassigned Or Assigned To Individual (68000)
PI US 2002082414 A1 20020627
AI US 2001-931157 20010816
RLI US 1992-911684 19920710 CONTINUATION ABANDONED
US 1993-121446 19930914 DIVISION 6313276
PRAI JP 1991-172828 19910712
FI US 2002082414 20020627
US 6313276

DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION

CLMN 22
GI 8 Figure(s).

FIG. 1 shows DNA coding sequence and deduced amino acid sequence of an
ETA-receptor according to the present invention.
FIG. 2 shows DNA coding sequence and deduced amino acid sequence of an
ETB-receptor according to the present invention.
FIG. 3 is a graph showing the results of a binding assay for determining
the binding properties of the ETA-receptor to ET-1, ET-2, or ET-3.
FIG. 4 is a graph showing the results of a binding assay for determining
the binding properties of the ETB-receptor to ET-1, ET-2, or ET-3.
FIG. 5 is a chart recording currents, which are generated at the time that
ET-1 or ET-2 is applied to an oocyte of an *Xenopus laevis* injected with
mRNA of the ETA-receptor according to the present invention.
FIG. 6 is a chart of autoradiography showing the results of hybridization
of mRNAs isolated from a human tissue with a cDNA fragment of the
ETA-receptor according to the present invention.
FIG. 7 is a chart of autoradiography showing the results of hybridization
of mRNA isolated from a human tissue with a cDNA fragment of the
ETB-receptor according to the present invention.
FIG. 8 is a restriction map of DNA sequence of the ETB-receptor according
to the present invention.

L2 ANSWER 51 OF 275 USPATFULL on STN DUPLICATE 4
AN 2002:119901 USPATFULL
TI New pyridazine endothelin antagonists
IN Banks, Bernard Joseph, Sandwich, UNITED KINGDOM
Chubb, Anthony Logan, Sandwich, UNITED KINGDOM
Critcher, Douglas James, Sandwich, UNITED KINGDOM
Eshelby, James John, Sandwich, UNITED KINGDOM
Schulz, Darren John, Groton, CT, UNITED STATES
PI US 2002061889 A1 20020523
US 6670362 B2 20031230
AI US 2001-951019 A1 20010912 (9)
PRAI GB 2000-23074 20000920
US 2000-239747P 20001012 (60)
DT Utility
FS APPLICATION
LN.CNT 1476
INCL INCLM: 514/252.010
INCLS: 544/238.000
NCL NCLM: 514/252.020
NCLS: 544/238.000
IC [7]
ICM: C07D043-02
ICS: A61K031-501
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 52 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:832606 CAPLUS
DN 137:333173
TI Endothelin receptor antagonists for favorable modulation of health-related
quality of life and health-related quality-adjusted time-to-progression of
disease in patients with prostate cancer
IN Singh, Amitabh; Padley, Robert J.; Ashraf, Talat
PA Abbott Laboratories, USA
SO PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002085351	A1	20021031	WO 2002-US11397	20020411
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003022811	A1	20030130	US 2001-832752	20010411
	BR 2002005970	A	20030930	BR 2002-5970	20020411
	EP 1379238	A1	20040114	EP 2002-726727	20020411
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRAI	US 2001-832752	A	20010411		
	US 2002-118486	A	20020408		
	WO 2002-US11397	W	20020411		
OS	MARPAT 137:333173				
RE.CNT 3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L2 ANSWER 53 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:446079 CAPLUS
DN 137:28299
TI Method using endothelin ETA receptor antagonists for treating chronic
obstructive pulmonary disease
IN Keller, Laurence Harvey; Pressler, Milton Lethan
PA Warner-Lambert Company, USA
SO Eur. Pat. Appl., 13 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1213019	A2	20020612	EP 2001-128074	20011127
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2002115661	A1	20020822	US 2001-949204	20010907
	NZ 515513	A	20030530	NZ 2001-515513	20011115
	AU 2001097036	A5	20020613	AU 2001-97036	20011203
	JP 2002326957	A2	20021115	JP 2001-372488	20011206
	ZA 2001010080	A	20030730	ZA 2001-10080	20011206
PRAI	US 2000-251998P	P	20001207		

L2 ANSWER 54 OF 275 USPATFULL on STN
AN 2002:295295 USPATFULL
TI Prostate cancer gene
IN Cohen, Daniel, Neuilly sur Seine, FRANCE
Blumenfeld, Marta, Paris, FRANCE
Chumakov, Ilya, Vaux-le-Penil, FRANCE
Bougueleret, Lydie, Vanves, FRANCE
PI US 2002165345 A1 20021107
AI US 2001-853526 A1 20010827 (9)
RLI Division of Ser. No. US 1999-338907, filed on 23 Jun 1999, PATENTED
Continuation-in-part of Ser. No. US 1998-218207, filed on 22 Dec 1998,
PATENTED Continuation-in-part of Ser. No. US 1997-996306, filed on 22
Dec 1997, PATENTED
PRAI US 1998-99658P 19980909 (60)
DT Utility
FS APPLICATION

LN.CNT 8016
INCL INCLM: 530/350.000
INCLS: 435/006.000; 530/388.800; 435/007.230; 435/069.100; 435/325.000;
435/320.100; 536/023.500
NCL NCLM: 530/350.000
NCLS: 435/006.000; 530/388.800; 435/007.230; 435/069.100; 435/325.000;
435/320.100; 536/023.500
IC [7]
ICM: C07K014-435
ICS: C07K016-30; C12Q001-68; G01N033-574; C07H021-04; C12P021-02;
C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 55 OF 275 USPATFULL on STN
AN 2002:221321 USPATFULL
TI Prostate cancer gene
IN Cohen, Daniel, Nevilly sur Seine, FRANCE
Blumenfeld, Marta, Paris, FRANCE
Chumakov, Ilya, Vaux-le-Penil, FRANCE
Bougueleret, Lydie, Vanves, FRANCE
PI US 2002119460 A1 20020829
AI US 2001-901484 A1 20010709 (9)
RLI Division of Ser. No. US 1999-338907, filed on 23 Jun 1999, GRANTED, Pat.
No. US 6265546 Continuation-in-part of Ser. No. US 1998-218207, filed on
22 Dec 1998, GRANTED, Pat. No. US 6346381 Continuation-in-part of Ser.
No. US 1997-996306, filed on 22 Dec 1997, GRANTED, Pat. No. US 5945522
Continuation-in-part of Ser. No. US 2001-853526, filed on 27 Aug 2001,
PENDING
PRAI US 1998-99658P 19980909 (60)
DT Utility
FS APPLICATION
LN.CNT 8051
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/325.000; 435/320.100; 530/350.000; 536/023.500
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/325.000; 435/320.100; 530/350.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C07K014-435; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 56 OF 275 USPATFULL on STN
AN 2002:29243 USPATFULL
TI Prostate cancer gene
IN Cohen, Daniel, Fontenay-sous-bois, FRANCE
Blumenfeld, Marta, Paris, FRANCE
Chumakov, Ilya, Vaux-le-Penil, FRANCE
Bougueleret, Lydie, Vanves, FRANCE
PA Genset, FRANCE (non-U.S. corporation)
PI US 6346381 B1 20020212
AI US 1998-218207 19981222 (9)
RLI Continuation-in-part of Ser. No. US 1997-996306, filed on 22 Dec 1997,
now patented, Pat. No. US 5945522
PRAI US 1998-99658P 19980909 (60)
DT Utility
FS GRANTED
LN.CNT 17612
INCL INCLM: 435/006.000
INCLS: 435/091.100; 435/091.200; 536/023.100; 536/024.300
NCL NCLM: 435/006.000
NCLS: 435/091.100; 435/091.200; 536/023.100; 536/024.300
IC [7]
ICM: C12Q001-68
ICS: C12P019-34; C07M021-02
EXF 435/6; 435/91.2; 435/91.1; 536/23.1; 536/24.3
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 57 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:875648 CAPLUS
DN 138:252479
TI Decreased endothelin receptor B expression in large primary uveal
melanomas is associated with early clinical metastasis and short survival
AU Smith, S. L.; Damato, B. E.; Scholes, A. G. M.; Nunn, J.; Field, J. K.;
Heighway, J.
CS Gene Function Group, Roy Castle International Centre for Lung Cancer
Research, Liverpool, L3 9TA, UK

SO British Journal of Cancer (2002), 87(11), 1308-1313
CODEN: BJCAAI; ISSN: 0007-0920
PB Nature Publishing Group
DT Journal
LA English
RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 58 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:157395 CAPLUS
DN 138:296974
TI Endothelin receptor antagonists as therapeutic agents for cancer
AU Wu-Wong, J. Ruth
CS Abbott Laboratories, Santa Clara, CA, 95054, USA
SO Current Opinion in Investigational Drugs (PharmaPress Ltd.) (2002), 3(8),
1234-1239
CODEN: COIDAZ; ISSN: 1472-4472
PB PharmaPress Ltd.
DT Journal; General Review
LA English
RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 59 OF 275 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2003-12143 BIOTECHDS
TI Transfer of antisense oligodeoxynucleotides against endothelin receptors
Aand B into human coronary smooth muscle cells and endothelial cells by
apolipoprotein E peptide - An in vitro study;
human ***endothelin*** ***receptor*** -A and -B
phosphorothioate antisense oligonucleotide transfer for gene therapy
AU MIURA SI; OKAMOTO T; VIA DP; SAKU K
CS Fukuoka Univ; Baylor Coll Med
LO Saku K, Fukuoka Univ, Sch Med, Dept Cardiol, Jonan Ku, 7-45-1 Nankama,
Fukuoka 8140180, Japan
SO CIRCULATION JOURNAL; (2002) 66, 11, 1054-1056 ISSN: 1346-9843
DT Journal
LA English

L2 ANSWER 60 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:916521 CAPLUS
DN 139:16905
TI New therapeutics that antagonize endothelin: Promises and frustrations
AU Remuzzi, Giuseppe; Perico, Norberto; Benigni, Ariela
CS Mario Negri Institute for Pharmacological Research, Bergamo, 24125, Italy
SO Nature Reviews Drug Discovery (2002), 1(12), 986-1001
CODEN: NRDDAG; ISSN: 1474-1776
PB Nature Publishing Group
DT Journal; General Review
LA English
RE.CNT 249 THERE ARE 249 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 61 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:70017 BIOSIS
DN PREV200300070017
TI Expression of endothelins in human cardiogenesis.
AU Brand, Marcus; Kempf, Herve; Paul, Martin; Corvol, Pierre; Gasc,
Jean-Marie [Reprint Author]
CS College de France, INSERM U36, 11 Place Marcelin Berthelot, 75231, Paris
Cedex 05, France
jean-marie.gasc@college-de-france.fr
SO Journal of Molecular Medicine (Berlin), (November 2002) Vol. 80, No. 11,
pp. 715-723. print.
ISSN: 0946-2716.
DT Article
LA English
ED Entered STN: 29 Jan 2003
Last Updated on STN: 29 Jan 2003

L2 ANSWER 62 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:307904 CAPLUS
DN 137:460
TI Combined endothelin receptor blockade evokes enhanced vasodilatation in
patients with atherosclerosis
AU Bohm, Felix; Ahlborg, Gunvor; Johansson, Bo-Lennart; Hansson, Lars-Olof;
Pernow, John

CS Department of Cardiology, Karolinska Hospital, Stockholm, S-171 76, Swed.
SO Arteriosclerosis, Thrombosis, and Vascular Biology (2002), 22(4), 674-679
CODEN: ATVBFA; ISSN: 1079-5642
PB Lippincott Williams & Wilkins
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 63 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:261882 CAPLUS
DN 137:4080
TI Promoter hypermethylation of the EDNRB gene in nasopharyngeal carcinoma
AU Lo, Kwok-wai; Tsang, Yuen-Shan; Kwong, Joseph; To, Ka-Fai; Teo, Peter M.
L.; Huang, Dolly P.
CS Department of Anatomical and Cellular Pathology, Prince of Wales Hospital,
Institute of Molecular Oncology, Sir Y.K. Pao Centre for Cancer, The
Chinese University of Hong Kong, Hong Kong, Peop. Rep. China
SO International Journal of Cancer (2002), 98(5), 651-655
CODEN: IJCNAA; ISSN: 0020-7136
PB Wiley-Liss, Inc.
DT Journal
LA English
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 64 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:214589 CAPLUS
DN 136:334644
TI Endothelin receptor antagonists in cardiology clinical trials
AU Neunteufl, Thomas; Berger, Rudolf; Pacher, Richard
CS Department of Cardiology, University of Vienna, Vienna, Austria
SO Expert Opinion on Investigational Drugs (2002), 11(3), 431-443
CODEN: EOIDER; ISSN: 1354-3784
PB Ashley Publications Ltd.
DT Journal; General Review
LA English
RE.CNT 101 THERE ARE 101 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 65 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:267657 CAPLUS
DN 137:134299
TI Endothelin receptor antagonists: structures, synthesis, selectivity and
therapeutic applications
AU Boss, C.; Bolli, M.; Weller, T.
CS Department of Medicinal Chemistry, Actelion Pharmaceuticals Ltd,
Allschwil, CH-4123, Switz.
SO Current Medicinal Chemistry (2002), 9(3), 349-383
CODEN: CMCH7; ISSN: 0929-8673
PB Bentham Science Publishers
DT Journal; General Review
LA English
RE.CNT 104 THERE ARE 104 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 66 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:816320 CAPLUS
DN 138:331325
TI Endothelin receptor blockade inhibits the growth of human
papillomavirus-associated cervical carcinoma
AU Venuti, Aldo; Salani, Debora; Cirilli, Alessia; Simeone, Paola; Muller,
Antonio; Flamini, Silvio; Padley, Robert; Bagnato, Anna
CS Laboratory of Virology, Regina Elena Cancer Institute, Rome, 00158, Italy
SO Clinical Science (2002), 103(Suppl.), 310S-313S
CODEN: CSCIAE; ISSN: 0143-5221
PB Portland Press Ltd.
DT Journal
LA English
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 67 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:401870 BIOSIS
DN PREV200200401870
TI Congenital central hypoventilation syndrome: A novel mutation of the RET

gene in an isolated case.
AU Kanai, Masayo; Numakura, Chikahiko; Sasaki, Ayako; Shirahata, Emi; Akaba, Kazuhiro; Hashimoto, Motoya; Hasegawa, Hisaya; Shirasawa, Senji; Hayasaka, Kiyoshi [Reprint author]
CS Department of Pediatrics, Yamagata University School of Medicine, 2-2-2, Iida-nishi, Yamagata, 990-9585, Japan
SO hayasaka@med.id.yamagata-u.ac.jp
TOHOKU Journal of Experimental Medicine, (April, 2002) Vol. 196, No. 4, pp. 241-246. print.
CODEN: TJEMAO. ISSN: 0040-8727.
DT Article
LA English
ED Entered STN: 24 Jul 2002
Last Updated on STN: 24 Jul 2002

L2 ANSWER 68 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:507188 CAPLUS
DN 137:211027
TI International Union of Pharmacology. XXIX. Update on endothelin receptor nomenclature
AU Davenport, Anthony P.
CS Clinical Pharmacology Unit, Centre for Clinical Investigation, Addenbrooke's Hospital, University of Cambridge, Cambridge, UK
SO Pharmacological Reviews (2002), 54(2), 219-226
CODEN: PAREAQ; ISSN: 0031-6997
PB American Society for Pharmacology and Experimental Therapeutics
DT Journal; General Review
LA English
RE.CNT 75 THERE ARE 75 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 69 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:341098 BIOSIS
DN PREV200200341098
TI PCR-SSCP analysis of EDNRB gene and EDN-3 gene in Hirschsprung's disease.
AU Zhang Xiansheng [Reprint author]; Duan Xianglong [Reprint author]; Xu Quan [Reprint author]; et al
CS Department of Pediatric Surgery, Second Hospital of Xi'an Jiaotong University, Xi'an, 710004, China
SO Xi'an Yike Daxue Xuebao, (Apr., 2002) Vol. 23, No. 2, pp. 189-192. print.
CODEN: XYDXEZ. ISSN: 0258-0659.
DT Article
LA Chinese
ED Entered STN: 12 Jun 2002
Last Updated on STN: 12 Jun 2002

L2 ANSWER 70 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:8904 CAPLUS
DN 136:178329
TI Endothelin receptors in cultured and native human radial artery smooth muscle
AU Conant, Alan R.; Oo, Aung Y.; Dashwood, Michael R.; Collard, Karen; Chester, Michael R.; Dihmis, Walid C.; Simpson, Alec W. M.
CS Cardiothoracic Center, Liverpool NHS Trust, Liverpool, L14 3PE, UK
SO Journal of Cardiovascular Pharmacology (2002), 39(1), 130-141
CODEN: JCPCDT; ISSN: 0160-2446
PB Lippincott Williams & Wilkins
DT Journal
LA English

L2 ANSWER 71 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:816275 CAPLUS
DN 138:331218
TI Pharmacology of endothelin receptor antagonists ABT-627, ABT-546, A-182086 and A-192621: in vitro studies
AU Wu-Wong, J. Ruth; Dixon, Douglas B.; Chiou, William J.; Sorensen, Brian K.; Liu, Gang; Jae, H.-S.; Tasker, Andrew; von Geldern, Thomas W.; Winn, Martin; Opgenorth, Terry J.
CS Pharmaceutical Products Division, Abbott Laboratories, Abbott Park, IL, 60064, USA
SO Clinical Science (2002), 103(suppl.), 107S-111S
CODEN: CSCIAE; ISSN: 0143-5221
PB Portland Press Ltd.
DT Journal
LA English
RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 72 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:690435 CAPLUS
DN 138:247814
TI The endothelin receptor: a novel target for anticancer therapy
AU Pirtskhalaishvili, Georgi; Nelson, Joel B.
CS Department of Urology, University of Pittsburgh, Pittsburgh, PA, USA
SO American Journal of Cancer (Auckland, New Zealand) (2002), 1(2), 81-91
CODEN: AJCMCB; ISSN: 1175-6357
PB Adis International Ltd.
DT Journal; General Review
LA English
RE.CNT 117 THERE ARE 117 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 73 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:374854 CAPLUS
DN 137:87728
TI Endothelin in health and disease: Endothelin receptor antagonists in the management of pulmonary artery hypertension
AU Kim, Nick H. S.; Rubin, Lewis J.
CS Division of Pulmonary and Critical Care Medicine, University of California, La Jolla, CA, 92037-1300, USA
SO Journal of Cardiovascular Pharmacology and Therapeutics (2002), 7(1), 9-19
CODEN: JCPTFE; ISSN: 1074-2484
PB Westminster Publications
DT Journal; General Review
LA English
RE.CNT 94 THERE ARE 94 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 74 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 5
AN 2002:24105 BIOSIS
DN PREV200200024105
TI ***Human*** ***endothelin*** ***receptor***
AU Imura, Hiroo [Inventor, Reprint author]; Nakao, Kazuwa [Inventor]; Nakanishi, Shigetada [Inventor]
CS Kyoto, Japan
ASSIGNEE: Shionogi Sieyaku Kabushiki Kaisha, Osaka, Japan
PI US 6313276 November 06, 2001
SO Official Gazette of the United States Patent and Trademark Office Patents, (Nov. 6, 2001) Vol. 1252, No. 1. e-file.
CODEN: OGUPE7. ISSN: 0098-1133.
DT Patent
LA English
ED Entered STN: 26 Dec 2001
Last Updated on STN: 25 Feb 2002

L2 ANSWER 75 OF 275 USPATFULL on STN DUPLICATE 6
AN 2001:134228 USPATFULL
TI Indole derivatives useful as endothelin receptor antagonists
IN Rawson, David James, Sandwich, Great Britain
Dack, Kevin Neil, Sandwich, Great Britain
Dickinson, Roger Peter, Sandwich, Great Britain
James, Kim, Sandwich, Great Britain
PI US 2001014677 A1 20010816
US 6384070 B2 20020507
AI US 2001-756835 A1 20010109 (9)
RLI Division of Ser. No. US 2000-556651, filed on 24 Apr 2000, UNKNOWN
PRAI GB 1996-9641 19960509
DT Utility
FS APPLICATION
LN.CNT 2715
INCL INCLM: 514/233.800
INCLS: 514/414.000; 514/143.000; 548/454.000
NCL NCLM: 514/414.000
NCLS: 514/235.200; 514/252.060; 514/274.000; 544/143.000; 544/316.000; 544/373.000; 548/454.000
IC [7]
ICM: A61K031-4025
ICS: A61K031-404; C07D413-14; C07D045-02
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 76 OF 275 USPATFULL on STN

AN 2001:185287 USPATFULL
 TI Indole derivatives useful as endothelin receptor antagonists
 IN Rawson, David James, Sandwich, United Kingdom
 Dack, Kevin Neil, Sandwich, United Kingdom
 Dickinson, Roger Peter, Sandwich, United Kingdom
 James, Kim, Sandwich, United Kingdom
 PA Pfizer Inc., New York, NY, United States (U.S. corporation)
 PI US 6306852 B1 20011023
 AI US 2000-556651 20000424 (9)
 RLI Division of Ser. No. US 1999-414361, filed on 7 Oct 1999, now patented,
 Pat. No. US 6136843 Division of Ser. No. US 147096, now patented, Pat.
 No. US 6017945
 PRAI GB 1996-9641 19960509
 DT Utility
 FS GRANTED
 LN.CNT 2753
 INCL INCLM: 514/235.200
 INCLS: 514/274.000; 514/314.000; 514/339.000; 514/254.090; 514/364.000;
 514/381.000; 514/383.000; 514/397.000; 514/414.000; 548/144.000;
 548/251.000; 548/266.400; 548/312.000; 548/454.000; 544/143.000;
 544/316.000; 544/373.000; 546/172.000; 546/278.100
 NCL NCLM: 514/235.200
 NCLS: 514/254.090; 514/274.000; 514/314.000; 514/339.000; 514/364.000;
 514/381.000; 514/383.000; 514/397.000; 514/414.000; 544/143.000;
 544/316.000; 544/373.000; 546/172.000; 546/278.100; 548/144.000;
 548/251.000; 548/266.400; 548/312.100; 548/454.000
 IC [7]
 ICM: A61P009-10
 ICS: C07D413-14; A61K031-5377
 EXF 514/414; 514/339; 514/364; 514/314; 514/254.09; 514/381; 514/235.2;
 514/397; 514/383; 514/274; 548/454; 548/144; 548/251; 548/312.1;
 548/266.4; 546/172; 546/278.1; 544/316; 544/143; 544/373
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 77 OF 275 USPATFULL on STN
 AN 2001:117151 USPATFULL
 TI Prostate cancer gene
 IN Cohen, Daniel, Neuilly sur Seine, France
 Blumenfeld, Marta, Paris, France
 Chumakov, Ilya, Vaux-le-Penil, France
 Bougueleret, Lydie, Vanves, France
 PA Genset, France (non-U.S. corporation)
 PI US 6265546 B1 20010724
 AI US 1999-338907 19990623 (9)
 RLI Continuation-in-part of Ser. No. US 1998-218207, filed on 22 Dec 1998
 Continuation-in-part of Ser. No. US 1997-996306, filed on 22 Dec 1997,
 now patented, Pat. No. US 5945522
 PRAI US 1998-99658P 19980909 (60)
 US 1998-107986P 19981110 (60)
 DT Utility
 FS GRANTED
 LN.CNT 7782
 INCL INCLM: 530/350.000
 INCLS: 424/174.100; 435/007.100; 514/002.000
 NCL NCLM: 530/350.000
 NCLS: 424/174.100; 435/007.100
 IC [7]
 ICM: C07K001-00
 ICS: A61K039-395; A01N037-18; G01N035-53
 EXF 530/350; 530/300; 530/324; 530/325; 514/2; 514/10; 514/12; 424/174.1;
 435/7.1
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 78 OF 275 USPATFULL on STN
 AN 2001:48096 USPATFULL
 TI Indole derivatives useful in therapy
 IN Challenger, Stephen, Kent, United Kingdom
 Dack, Kevin Neil, Kent, United Kingdom
 Derrick, Andrew Michael, Kent, United Kingdom
 Dickinson, Roger Peter, Kent, United Kingdom
 Ellis, David, Kent, United Kingdom
 Hajikarimian, Yousef, Kent, United Kingdom
 James, Kim, Kent, United Kingdom
 Rawson, David James, Kent, United Kingdom
 PA Pfizer Inc., New York, NY, United States (U.S. corporation)
 PI US 6211223 B1 20010403

AI US 2000-551779 20000418 (9)
PRAI GB 1997-222287 19971023
DT Utility
FS Granted
LN.CNT 841
INCL INCLM: 514/414.000
INCLS: 548/454.000
NCL NCLM: 514/414.000
NCLS: 548/454.000
IC [7]
ICM: A61K031-404
ICS: C07D405-06
EXF 548/454; 514/414
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 79 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:849128 CAPLUS
DN 136:79188
TI An update on the status of endothelin receptor antagonists for
hypertension
AU Dao, Huy Hao; Moreau, Pierre
CS Laboratory of Vascular Pharmacology, Faculty of Pharmacy, Universite de
Montreal, Montreal, QC, Can.
SO Expert Opinion on Investigational Drugs (2001), 10(11), 1937-1946
CODEN: EOIDER; ISSN: 1354-3784
PB Ashley Publications Ltd.
DT Journal; General Review
LA English
RE.CNT 89 THERE ARE 89 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 80 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:257801 BIOSIS
DN PREV200100257801
TI The endothelin receptor B (EDNRB) promoter displays heterogeneous, site
specific methylation patterns in normal and tumor cells.
AU Pao, Martha M.; Tsutsumi, Masakazu; Liang, Gangning; Uzvolgyi, Eva;
Gonzales, Felicidad A.; Jones, Peter A. [Reprint author]
CS Department of Biochemistry and Molecular Biology, University of Southern
California/Norris Comprehensive Cancer Center, Los Angeles, CA,
90089-9176, USA
jones_p@ccnt.hsc.usc.edu
SO Human Molecular Genetics, (15 April, 2001) Vol. 10, No. 9, pp. 903-910.
print.
ISSN: 0964-6906.
DT Article
LA English
OS Genbank-D13162
ED Entered STN: 30 May 2001
Last Updated on STN: 19 Feb 2002

L2 ANSWER 81 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:92314 BIOSIS
DN PREV200200092314
TI Analysis of polymorphisms of nine candidate genes in dilated
cardiomyopathy.
AU Miyamoto, Y. [Reprint author]; Akita, H.; Shiga, N. [Reprint author];
Takai, E. [Reprint author]; Iwai, C. [Reprint author]; Shimizu, M.
[Reprint author]; Kawai, H. [Reprint author]; Takarada, A.; Yokoyama, M.
[Reprint author]
CS First Dept. of Internal Medicine, Kobe University School of Medicine,
Kobe, Japan
SO European Heart Journal, (September, 2001) Vol. 22, No. Abstract
Supplement, pp. 638. print.
Meeting Info.: XXIII Congress of the European Society of Cardiology
together with the 36th Annual General Meeting of the Association for
European Paediatric Cardiology. Stockholm, Sweden. September 01-05, 2001.
European Society of Cardiology; Association for European Paediatric
Cardiology.
CODEN: EHJODF. ISSN: 0195-668X.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 24 Jan 2002
Last Updated on STN: 25 Feb 2002

L2 ANSWER 82 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:920485 CAPLUS
DN 136:129421
TI Distinct expression of endothelin receptor subtypes A and B in luteinized human granulosa cells
AU Gentili, M.; Obermuller, N.; Schleich, H. G.; Melchert, F.; Weigel, M.
CS Department of Obstetrics and Gynaecology, Faculty for Clinical Medicine Mannheim, University of Heidelberg, Germany
SO Hormone and Metabolic Research (2001), 33(10), 573-576
CODEN: HMMRA2; ISSN: 0018-5043
PB Georg Thieme Verlag
DT Journal
LA English
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 83 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:700357 CAPLUS
DN 136:409
TI Tezosentan (an intravenous endothelin receptor A/B antagonist) reduces peripheral resistance and increases cardiac power therefore preventing a steep decrease in blood pressure in patients with congestive heart failure
AU Cotter, Gad; Kiowski, Wolfgang; Kaluski, Edo; Kobrin, Isaac; Milovanov, Olga; Marmor, Alon; Jafari, Jamal; Reisin, Leonardo; Krakover, Ricardo; Vered, Zvi; Caspi, Avi
CS Assaf-Harofeh Medical Center, The Cardiology Institute, Zerifin, 70300, Israel
SO European Journal of Heart Failure (2001), 3(4), 457-461
CODEN: EJHFFS; ISSN: 1388-9842
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 84 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:5514 CAPLUS
DN 136:198954
TI Solubilization and purification of the human ETB endothelin receptor produced by high-level fermentation in Pichia pastoris
AU Schiller, Hilmar; Molsberger, Eva; Janssen, Paul; Michel, Hartmut; Reilander, Helmut
CS Max-Planck-Institut fur Biophysik, Abt. Molekulare Membranbiologie, Frankfurt/M., D-60528, Germany
SO Receptors and Channels (2001), 7(6), 453-469
CODEN: RCHAE4; ISSN: 1060-6823
PB Harwood Academic Publishers
DT Journal
LA English
RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 85 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:178342 BIOSIS
DN PREV200200178342
TI Gene expression profiling of early gestational decidua and villi using a 9600 human cDNA microarray.
AU Tzeng, C. R. [Reprint author]; Chen, H. W. [Reprint author]; Chen, J. J. W.
CS Center for Reproductive Medicine, Department of Obstetrics and Gynecology, Taipei Medical University Hospital, Taipei, Taiwan
SO Human Reproduction (Oxford), (2001) Vol. 16, No. Abstract Book 1, pp. 193. print.
Meeting Info.: 17th Annual Meeting of the European Society of Human Reproduction and Embryology. Lausanne, Switzerland. July 01-04, 2001. European Society of Human Reproduction and Embryology; European Society of Human Reproduction and Embryology.
CODEN: HUREEE. ISSN: 0268-1161.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 6 Mar 2002
Last Updated on STN: 6 Mar 2002

L2 ANSWER 86 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:133697 CAPLUS
 DN 132:203144
 TI Low-adenosine antisense oligonucleotide agents, compositions, kits and
 treatments for respiratory disorders
 IN Nyce, Jonathan W.
 PA East Carolina University, USA
 SO PCT Int. Appl., 1343 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000009525	A2	20000224	WO 1999-US17712	19990803
	WO 2000009525	A3	20000518		
	W: AU, CA, CN, MX, RU, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2333901	AA	20000224	CA 1999-2333901	19990803
	AU 9953374	A1	20000306	AU 1999-53374	19990803
	EP 1102786	A2	20010530	EP 1999-939006	19990803
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	US 1998-95212P	P	19980803		
	WO 1999-US17712	W	19990803		
OS	MARPAT 132:203144				

L2 ANSWER 87 OF 275 USPATFULL on STN
 AN 2000:164288 USPATFULL
 TI Method for specifically marking a protein
 IN Willey, Kevan, Hamburg, Germany, Federal Republic of
 Obermann-Pless, Heike, Luneburg, Germany, Federal Republic of
 Hunt, Nicholas, Neu-Wulmstorf, Germany, Federal Republic of
 Henco, Karsten, Erkrath, Germany, Federal Republic of
 PA EVOTEC BioSystems AG, Hamburg, Germany, Federal Republic of (non-U.S.
 corporation)
 IHF Institut fur Hormon-und Fortpfianzungsforschung GmbH, Hamburg,
 Germany, Federal Republic of (non-U.S. corporation)
 PI US 6156529 20001205
 WO 9839660 19980911
 AI US 1999-367861 19990902 (9)
 WO 1998-EP1229 19980305
 19990902 PCT 371 date
 19990902 PCT 102(e) date
 PRAI DE 1997-19709168 19970306
 DE 1997-19747632 19971029
 DT Utility
 FS Granted
 LN.CNT 868
 INCL INCLM: 435/025.000
 INCLS: 435/004.000; 435/007.500; 435/968.000
 NCL NCLM: 435/025.000
 NCLS: 435/004.000; 435/007.500; 435/968.000
 IC [7]
 ICM: C12Q001-26
 ICS: C12Q001-00; G01N033-53
 EXF 435/25; 435/4; 435/7.5; 435/968
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 88 OF 275 USPATFULL on STN
 AN 2000:142409 USPATFULL
 TI Indole derivatives useful as endothelin receptor antagonists
 IN Rawson, David James, Sandwich, United Kingdom
 Dack, Kevin Neil, Sandwich, United Kingdom
 Dickinson, Roger Peter, Sandwich, United Kingdom
 James, Kim, Sandwich, United Kingdom
 PA Pfizer Inc, New York, NY, United States (U.S. corporation)
 PI US 6136843 20001024
 AI US 1999-414361 19991007 (9)
 RLI Division of Ser. No. US 147096
 PRAI GB 1996-9641 19960509
 DT Utility
 FS Granted
 LN.CNT 2704
 INCL INCLM: 514/414.000
 INCLS: 548/468.000

NCL NCLM: 514/414.000
NCLS: 548/468.000
IC [7]
ICM: A61K031-40
ICS: C07D405-06
EXF 548/406; 548/468; 514/414
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 89 OF 275 USPATFULL on STN
AN 2000:102075 USPATFULL
TI Yeast cells engineered to produce pheromone system protein surrogates,
and uses therefor
IN Fowlkes, Dana Merriman, New York, NY, United States
Broach, Jim, New York, NY, United States
Manfredi, John, New York, NY, United States
Klein, Christine, New York, NY, United States
Murphy, Andrew J., Montclair, NJ, United States
Paul, Jeremy, Palisades, NY, United States
Trueheart, Joshua, South Nyack, NY, United States
PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.
corporation)
PI US 6100042 20000808
AI US 1994-322137 19941013 (8)
RLI Continuation-in-part of Ser. No. US 1994-309313, filed on 20 Sep 1994,
now abandoned which is a continuation-in-part of Ser. No. US
1994-190328, filed on 31 Jan 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 6899
INCL INCLM: 435/007.100
INCLS: 435/006.000; 435/252.300; 435/483.000
NCL NCLM: 435/007.100
NCLS: 435/006.000; 435/252.300; 435/483.000
IC [7]
ICM: C12Q001-68
ICS: G01N033-53
EXF 435/6; 435/7.1; 435/172.3; 435/252.3; 435/483
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 90 OF 275 USPATFULL on STN
AN 2000:34555 USPATFULL
TI Benzothiophene derivatives useful in therapy
IN Dack, Kevin Neil, Sandwich, United Kingdom
Dickinson, Roger Peter, New York, NY, United States
PA Pfizer, Inc., New York, NY, United States (U.S. corporation)
PI US 6040309 20000321
AI US 1998-204789 19981203 (9)
PRAI GB 1997-25953 19971208
DT Utility
FS Granted
LN.CNT 1987
INCL INCLM: 514/253.000
INCLS: 514/254.000; 514/255.000; 514/269.000; 514/337.000; 514/397.000;
514/443.000; 544/238.000; 544/333.000; 544/376.000; 546/118.000;
546/281.100; 548/311.400; 549/052.000; 549/054.000
NCL NCLM: 514/252.010
NCLS: 514/252.020; 514/252.040; 514/255.050; 514/269.000; 514/337.000;
514/397.000; 514/443.000; 544/238.000; 544/333.000; 544/376.000;
546/118.000; 546/281.100; 548/311.400; 549/052.000; 549/054.000
IC [7]
ICM: C07D333-64
ICS: A61K031-38
EXF 514/253; 514/254; 514/255; 514/269; 514/337; 514/397; 514/443; 544/238;
544/333; 544/376; 546/118; 546/281.1; 548/311.4; 549/52; 549/54
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 91 OF 275 USPATFULL on STN
AN 2000:9934 USPATFULL
TI Indole derivatives useful as endothelin receptor antagonists
IN Rawson, David James, Sandwich, United Kingdom
Dack, Kevin Neil, Sandwich, United Kingdom
Dickinson, Roger Peter, Sandwich, United Kingdom
James, Kim, Sandwich, United Kingdom
PA Pfizer Inc., New York, NY, United States (U.S. corporation)

PI US 6017945 20000125
 WO 9743260 19971120
 AI US 1998-147096 19981005 (9)
 WO 1997-EP1882 19970411
 19981005 PCT 371 date
 19981005 PCT 102(e) date
 PRAI GB 1996-9641 19960509
 DT Utility
 FS Granted
 LN.CNT 2734
 INCL INCLM: 514/414.000
 INCLS: 514/415.000; 514/419.000; 548/454.000; 548/455.000; 548/494.000;
 548/495.000; 548/496.000
 NCL NCLM: 514/414.000
 NCLS: 514/415.000; 514/419.000; 548/454.000; 548/455.000; 548/494.000;
 548/495.000; 548/496.000
 IC [6]
 ICM: A61K031-40
 ICS: C07D405-02
 EXF 514/414; 514/415; 514/419; 548/454; 548/455; 548/494; 548/495; 548/496
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 92 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 7
 AN 2000:112963 BIOSIS
 DN PREV200000112963
 TI w276 mutation in the endothelin receptor subtype B impairs Gq coupling but
 not Gi or Go coupling.
 AU Imamura, Fumiaki; Arimoto, Ikuyo; Fujiyoshi, Yoshinori; Doi, Tomoko
 [Reprint author]
 CS Department of Biophysics, Graduate School of Science, Kyoto University,
 Oiwake, Kitashirakawa, Sakyo-ku, Kyoto, 606-8502, Japan
 SO Biochemistry, (Feb. 1, 2000) Vol. 39, No. 4, pp. 686-692. print.
 CODEN: BICHAW. ISSN: 0006-2960.
 DT Article
 LA English
 ED Entered STN: 29 Mar 2000
 Last Updated on STN: 3 Jan 2002

L2 ANSWER 93 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2001:513378 CAPLUS
 DN 136:116176
 TI Signal detection of endothelin receptor subtypes in human cirrhotic liver
 by a new in situ hybridization method
 AU Yokomori, Hiroaki; Oda, Masaya; Yasogawa, Youhei; Nishi, Yatsushi; Ishii,
 Hiromasa
 CS Department of Internal Medicine, Kitasato Institute Medical Center
 Hospital, Saitama, 364-8501, Japan
 SO Medical Electron Microscopy (2000), 33(4), 207-216
 CODEN: MELMEJ; ISSN: 0918-4287
 PB Springer-Verlag Tokyo
 DT Journal; General Review
 LA English
 RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 94 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1999:219995 CAPLUS
 DN 130:306599
 TI Antisense oligonucleotides capable of binding to multiple targets and
 their use in the treatment of respiratory disease
 IN Nyce, Jonathan W.
 PA East Carolina University, USA
 SO PCT Int. Appl., 120 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9913886	A1	19990325	WO 1998-US19419	19980917
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2003087845	A1	20030508	US 1998-93972	19980609
CA 2304312	AA	19990325	CA 1998-2304312	19980917
AU 9893951	A1	19990405	AU 1998-93951	19980917
AU 752531	B2	20020919		
EP 1019065	A1	20000719	EP 1998-947089	19980917

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
BR 9812650	A	20000822	BR 1998-12650	19980917
JP 2003517428	T2	20030527	JP 2000-511506	19980917

PRAI US 1997-59160P P 19970917
US 1998-93972 A 19980609
WO 1998-US19419 W 19980917

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 95 OF 275 USPATFULL on STN

AN 1999:81922 USPATFULL

TI Endothelin antagonist peptides

IN Kitada, Chieko, Osaka, Japan

Asami, Taiji, Ibaraki, Japan

Ohtaki, Tetsuya, Ibaraki, Japan

Watanabe, Toshifumi, Osaka, Japan

PA Takeda Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)

PI US 5925731 19990720

WO 9711961 19970303

AI US 1996-732289 19961028 (8)

WO 1996-JP2778 19960926

19961028 PCT 371 date

19961028 PCT 102(e) date

PRAI JP 1995-248176 19950926

JP 1995-300336 19951117

DT Utility

FS Granted

LN.CNT 1663

INCL INCLM: 530/330.000

INCLS: 530/331.000; 514/016.000; 514/017.000; 514/018.000

NCL NCLM: 530/330.000

NCLS: 530/331.000

IC [6]

ICM: A61K038-07

EXF 514/16-18; 530/330; 530/331

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 96 OF 275 USPATFULL on STN

AN 1999:27415 USPATFULL

TI Yeast cells engineered to produce pheromone system protein surrogates
and uses therefor

IN Fowlkes, Dana M., Chapel Hill, NC, United States

Broach, Jim, Princeton, NJ, United States

Manfredi, John, Ossining, NY, United States

Klein, Christine, Ossining, NY, United States

Murphy, Andrew J., Montclair, NJ, United States

Paul, Jeremy, South Nyack, NY, United States

Trueheart, Joshua, South Nyack, NY, United States

PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.
corporation)

PI US 5876951 19990302

AI US 1995-461598 19950605 (8)

RLI Continuation-in-part of Ser. No. US 1994-322137, filed on 13 oct 1994
which is a continuation-in-part of Ser. No. US 1994-309313, filed on 20
Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US
1994-190328, filed on 31 Jan 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993,
now abandoned

DT Utility

FS Granted

LN.CNT 6645

INCL INCLM: 435/007.310

INCLS: 435/254.110; 435/254.200; 435/254.210

NCL NCLM: 435/007.310

NCLS: 435/254.110; 435/254.200; 435/254.210

IC [6]

ICM: G01N033-53

EXF 435/4; 435/7.1; 435/64; 435/257.3; 435/320.1; 435/4.1; 435/7.31;

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 97 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 8
 AN 1999:173087 BIOSIS
 DN PREV199900173087
 TI Interactions of endothelin receptor subtypes A and B with Gi, Go, and Gq
 in reconstituted phospholipid vesicles.
 AU Doi, Tomoko [Reprint author]; Sugimoto, Hiromi; Arimoto, Ikuyo; Hiroaki,
 Yoko; Fujiyoshi, Yoshinori
 CS International Institute for Advanced Research, Matsushita Electric
 Industrial Co., Ltd., 3-4 Hikaridai, Seika, Kyoto, 619-0237, Japan
 SO Biochemistry, (March 9, 1999) Vol. 38, No. 10, pp. 3090-3099. print.
 CODEN: BICHAW. ISSN: 0006-2960.
 DT Article
 LA English
 ED Entered STN: 5 May 1999
 Last Updated on STN: 5 May 1999

L2 ANSWER 98 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2000:18197 BIOSIS
 DN PREV200000018197
 TI Identification of a genetic risk factor for idiopathic dilated
 cardiomyopathy: Involvement of a polymorphism in the endothelin receptor
 type A gene.
 AU Charron, Ph.; Tesson, F.; Poirier, O.; Nicaud, V.; Peuchmaurd, M.; Tiret,
 L.; Cambien, F.; Amouyel, P.; Dubourg, O.; Bouhour, J.-B.; Millaire, A.;
 Juilliere, Y.; Bareiss, P.; Andre-Fouet, X.; Pouillart, F.; Arveiler, D.;
 Ferrieres, J.; Dorent, R.; Roizes, G.; Schwartz, K.; Desnos, M.; Komajda,
 M. [Reprint author]
 CS Centre de Recherche de l'Association Claude Bernard, Hopital
 Pitie-Salpetriere, 47 Boulevard de l'Hopital, Pavillon Rambuteau, 75651,
 Paris cedex 13, France
 SO European Heart Journal, (Nov., 1999) Vol. 20, No. 21, pp. 1587-1591.
 print.
 CODEN: EHJODF. ISSN: 0195-668X.
 DT Article
 LA English
 ED Entered STN: 29 Dec 1999
 Last Updated on STN: 31 Dec 2001

L2 ANSWER 99 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1999:263492 BIOSIS
 DN PREV199900263492
 TI Mutations in the endothelin-receptor B gene in Hirschsprung disease in
 Sweden.
 AU Svensson, Par-Johan [Reprint author]
 CS Department of Molecular Medicine, Clinical Genetics Unit, CMM:02:60,
 Karolinska Hospital, S171 76, Stockholm, Sweden
 SO Clinical Genetics, (March, 1999) Vol. 55, No. 3, pp. 215-217. print.
 CODEN: CLGNAY. ISSN: 0009-9163.
 DT Article
 General Review; (Literature Review)
 LA English
 ED Entered STN: 15 Jul 1999
 Last Updated on STN: 15 Jul 1999

L2 ANSWER 100 OF 275 USPATFULL on STN
 AN 1998:91815 USPATFULL
 TI Yeast cells engineered to produce pheromone system protein surrogates,
 and uses therefor
 IN Fowlkes, Dana M., Chapel Hill, NC, United States
 Broach, Jim, Princeton, NJ, United States
 Manfredi, John, Ossining, NY, United States
 Klein, Christine, Ossining, NY, United States
 Murphy, Andrew J., Montclair, NJ, United States
 Paul, Jeremy, South Nyack, NY, United States
 Trueheart, Joshua, South Nyack, NY, United States
 PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.
 corporation)
 PI US 5789184 19980804
 AI US 1995-464531 19950605 (8)
 RLI Continuation-in-part of Ser. No. US 1994-322137, filed on 13 Oct 1994
 which is a continuation-in-part of Ser. No. US 1994-309313, filed on 20
 Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US

1994-190328, filed on 31 Jan 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-41431, filed on 31 Mar 1993,
now abandoned

DT Utility
FS Granted
LN.CNT 6731
INCL INCLM: 435/007.310
INCLS: 435/254.110; 435/254.200; 435/254.210
NCL NCLM: 435/007.310
NCLS: 435/254.110; 435/254.200; 435/254.210; 435/DIG.007; 435/DIG.027
IC [6]
ICM: G01N033-53
EXF 435/4; 435/7.1; 435/64; 435/252.3; 435/320.1; 435/254.21; 435/254.2;
435/254.11
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 101 OF 275 USPATFULL on STN
AN 1998:69221 USPATFULL
TI Phenoxyphenylacetic acid derivatives
IN Bagley, Scott W., Groten, CT, United States
Brotten, Theodore P., Ambler, PA, United States
Chakravarty, Prasun K., Edison, NJ, United States
Dhanoo, Daljit S., La Jolla, CA, United States
Fitch, Kenneth J., Cranford, NJ, United States
Greenlee, William J., Teaneck, NJ, United States
Kevin, Nancy Jo, Clifton, NJ, United States
Pettibone, Douglas J., Chalfont, PA, United States
Rivero, Ralph A., North Wales, PA, United States
Tata, James R., Westfield, NJ, United States
Walsh, Thomas F., Watchung, NJ, United States
Williams, Jr., David L., Telford, PA, United States
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
PI US 5767310 19980616
WO 9421590 19940929
AI US 1995-507492 19951108 (8)
WO 1994-US2871 19940317
19951108 PCT 371 date
19951108 PCT 102(e) date
RLI Continuation-in-part of Ser. No. US 1993-34455, filed on 19 Mar 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 4146
INCL INCLM: 562/469.000
INCLS: 562/466.000; 562/471.000; 514/569.000; 514/570.000; 548/253.000
NCL NCLM: 562/469.000
NCLS: 548/253.000; 562/466.000; 562/471.000
IC [6]
ICM: C07C059-40
EXF 562/469; 562/466; 562/471; 548/253; 514/569; 514/570
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 102 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 9
AN 1998:512652 BIOSIS
DN PREV199800512652
TI Truncated ***human*** ***endothelin*** ***receptor*** A
produced by alternative splicing and its expression in melanoma.
AU Zhang, Y. F.; Jeffery, S.; Burchill, S. A.; Berry, P. A.; Kaski, J. C.;
Carter, N. D. [Reprint author]
CS Med. Genetics Unit, St. George's Hosp. Med. Sch., Cranmer Terrace, London
SW17 0RE, UK
SO British Journal of Cancer, (Nov., 1998) Vol. 78, No. 9, pp. 1141-1146.
print.
CODEN: BJCAAI. ISSN: 0007-0920.
DT Article
LA English
ED Entered STN: 18 Dec 1998
Last Updated on STN: 18 Dec 1998

L2 ANSWER 103 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1998:871612 SCISEARCH
GA The Genuine Article (R) Number: 137WC
TI Molecular cloning and chromosomal localization of the mouse Gpr37 gene
encoding an orphan G-protein-coupled peptide receptor expressed in brain
and testis

AU Marazziti D; Gallo A; Golini E; Matteoni R; TocchiniValentini G P
(Reprint)
CS CNR, IST BIOL CELLULARE, ADRIANO BUZZATI TRAVERSO INT CAMPUS, VIA E
RAMARIN, I-00016 MONTEROTONDO, ITALY (Reprint); CNR, IST BIOL CELLULARE,
I-00016 MONTEROTONDO, ITALY; ENICHEM SPA, LAB BIOTECNOL, MONTEROTONDO,
ITALY
CYA ITALY
SO GENOMICS, (1 NOV 1998) Vol. 53, No. 3, pp. 315-324.
Publisher: ACADEMIC PRESS INC JNL-COMP SUBSCRIPTIONS, 525 B ST, STE 1900,
SAN DIEGO, CA 92101-4495.
ISSN: 0888-7543.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 45
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 104 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 1998:499551 SCISEARCH
GA The Genuine Article (R) Number: ZV717
TI Post-translational modifications and signal transduction properties of
human ***endothelin*** ***receptors*** ETA and ETB.
AU Schroeder C (Reprint); Cramer H; MullerEsterl W
CS UNIV MAINZ, INST PHYSIOL CHEM & PATHOBIOCHEM, D-55128 MAINZ, GERMANY
CYA GERMANY
SO JOURNAL OF NEUROCHEMISTRY, (JUN 1998) Vol. 71, Supp. [1], pp. S74-S74.
Publisher: LIPPINCOTT-RAVEN PUBL, 227 EAST WASHINGTON SQ, PHILADELPHIA, PA
19106.
ISSN: 0022-3042.
DT Conference; Journal
FS LIFE
LA English
REC Reference Count: 0

L2 ANSWER 105 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:618758 CAPLUS
DN 127:305052
TI Search of antisense homology box within protein molecule at amino acid
level and design of physiologically active peptides by using the result
IN Okada, Hidechika; Barani, Rajos; Campbell, William
PA Okada Hidechika, Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese

FAN.CNT 1		PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
		-----	-----	---	-----	-----	-----
PI	JP 09241297			A2	19970916	JP 1996-45030	19960301
PRAI	JP 1996-45030				19960301		

L2 ANSWER 106 OF 275 USPATFULL on STN
AN 97:106930 USPATFULL
TI Methods of screening of effectors of endothelin converting enzyme-1
IN Yanagisawa, Masashi, Dallas, TX, United States
PA Board of Regents, The University of Texas System, Austin, TX, United
States (U.S. corporation)
PI US 5688640 19971118
AI US 1994-289112 19940810 (8)
DT Utility
FS Granted
LN.CNT 2250
INCL INCLM: 435/006.000
INCLS: 435/024.000; 435/029.000; 435/069.100; 435/172.300; 435/252.300
NCL NCLM: 435/006.000
NCLS: 435/024.000; 435/029.000; 435/069.100; 435/252.300
IC [6]
ICM: C12N015-63
ICS: C12Q001-68
EXF 435/6; 435/29; 435/69.1; 435/172.3; 435/252.3; 435/24
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 107 OF 275 USPATFULL on STN
AN 97:104504 USPATFULL
TI Endothelin antagonists
IN Greenlee, William J., Teaneck, NJ, United States

PA Walsh, Thomas F., Westfield, NJ, United States
PI Merck & Co. Inc., Rahway, NJ, United States (U.S. corporation)
AI US 5686478 19971111
RLI US 1994-267981 19940707 (8)
Continuation-in-part of Ser. No. US 1993-95126, filed on 20 Jul 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 3709
INCL INCLM: 514/382.000
INCLS: 514/464.000; 514/466.000; 548/252.000; 548/253.000; 549/441.000;
549/444.000; 549/447.000
NCL NCLM: 514/382.000
NCLS: 514/464.000; 514/466.000; 548/252.000; 548/253.000; 549/441.000;
549/444.000; 549/447.000
IC [6]
ICM: C07D257-06
ICS: A61K031-41
EXF 514/382; 514/464; 514/466; 548/252; 548/253; 549/441; 549/444; 549/447
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 108 OF 275 USPATFULL on STN
AN 97:84001 USPATFULL
TI Phenoxyphenylacetic acid derivatives
IN Bagley, Scott W., Groton, CT, United States
Broten, Theodore P., Ambler, PA, United States
Chakravarty, Prasun K., Edison, NJ, United States
Dhana, Daljit S., Secaucus, NJ, United States
Fitch, Kenneth J., Cranford, NJ, United States
Greenlee, William J., Teaneck, NJ, United States
Kevin, Nancy Jo, Clifton, NJ, United States
Kieczykowski, Gerard R., Westfield, NJ, United States
Pettibone, Douglas J., Chalfont, PA, United States
Tata, James R., Westfield, NJ, United States
Rivero, Ralph A., Tinton Falls, NJ, United States
Walsh, Thomas F., Westfield, NJ, United States
Williams, Jr., David L., Telford, PA, United States
Matthews, Jay M., Fords, NJ, United States
Toupen, Richard B., Cranford, NJ, United States
PA Merck & Co. Inc., Rahway, NJ, United States (U.S. corporation)
PI US 5668176 19970916
AI US 1996-733536 19961018 (8)
RLI Continuation of Ser. No. US 1995-473172, filed on 7 Jun 1995, now
abandoned which is a continuation of Ser. No. US 1994-294232, filed on
22 Aug 1994, now patented, Pat. No. US 5565485 which is a
continuation-in-part of Ser. No. US 1994-287374, filed on 8 Aug 1994,
now abandoned which is a continuation-in-part of Ser. No. US
1994-197467, filed on 24 Feb 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-34455, filed on 19 Mar 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 6204
INCL INCLM: 514/569.000
INCLS: 514/231.200; 514/255.000; 514/256.000; 514/428.000; 514/452.000;
544/146.000; 544/153.000; 544/242.000; 544/336.000; 549/220.000;
549/362.000; 549/434.000; 549/469.000; 562/446.000; 562/447.000;
562/466.000; 562/467.000
NCL NCLM: 514/569.000
NCLS: 514/231.200; 514/252.110; 514/252.130; 514/252.140; 514/252.160;
514/252.190; 514/253.010; 514/253.060; 514/254.010; 514/254.040;
514/254.050; 514/254.100; 514/255.010; 514/255.030; 514/256.000;
514/428.000; 514/452.000; 544/146.000; 544/153.000; 544/242.000;
544/336.000; 549/220.000; 549/362.000; 549/434.000; 549/469.000;
562/446.000; 562/447.000; 562/466.000; 562/467.000
IC [6]
ICM: A61K031-19
ICS: A61K031-535; C07D265-30; C07C059-11
EXF 514/231.2; 514/255; 514/256; 514/428; 514/452; 514/569; 544/146;
544/153; 544/242; 544/336; 549/220; 549/362; 549/434; 549/469; 562/446;
562/467; 562/466
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 109 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 10
AN 1998:938 BIOSIS

DN PREV199800000938
 TI Subtype-specific desensitization of human endothelin ETA and ETB receptors reflects differential receptor phosphorylation.
 AU Cramer, Henning; Mueller-Esterl, Werner; Schroeder, Christian [Reprint author]
 CS Inst. Physiol. Chem. and Pathobiochem., Univ. Mainz, Duesbergweg 6, D-55099 Mainz, Germany
 SO Biochemistry, (Oct. 28, 1997) Vol. 36, No. 43, pp. 13325-13332. print. CODEN: BICHAW. ISSN: 0006-2960.
 DT Article
 LA English
 ED Entered STN: 23 Dec 1997
 Last Updated on STN: 23 Dec 1997

L2 ANSWER 110 OF 275 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN DUPLICATE 11
 AN 1998:5466 AGRICOLA
 DN IND20610583
 TI ***Human*** ***endothelin*** ***receptors*** ETA and ETB expressed in baculovirus-infected insect cells: direct application for signal transduction analysis.
 AU Satoh, M.; Miyamoto, C.; Terashima, H.; Tachibana, Y.; Wada, K.; Watanabe, T.; Hayes, A.E.; Gentz, R.; Furuichi, Y.
 CS AGENE Research Institute, Kajiwara, Kamakura, Japan.
 SO European journal of biochemistry, Nov 1997. Vol. 249, No. 3. p. 803-811
 Publisher: Berlin : Springer-Verlag Berlin.
 CODEN: EJBCAI; ISSN: 0014-2956
 NTE Includes references
 CY Germany
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L2 ANSWER 111 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 12
 AN 1997:262528 BIOSIS
 DN PREV199799569131
 TI A novel endothelin receptor type-B-like gene enriched in the brain.
 AU Zeng, Zhizhen; Su, Kui; Kyaw, Hla; Li, Yi [Reprint author]
 CS Dep. Protein Ther., Human Genome Sci. Inc., 9410 Key West Ave., Rockville, MD 20850, USA
 SO Biochemical and Biophysical Research Communications, (1997) Vol. 233, No. 2, pp. 559-567.
 CODEN: BBRCA9. ISSN: 0006-291X.
 DT Article
 LA English
 ED Entered STN: 24 Jun 1997
 Last Updated on STN: 24 Jun 1997

L2 ANSWER 112 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 13
 AN 1997:263776 BIOSIS
 DN PREV199799570379
 TI Antagonist activity of (Thr-18, gamma-methyllleucine-19)endothelin-1 in ***human*** ***endothelin*** ***receptors***
 AU Masuda, Yasushi; Sugo, Tsukasa; Kikuchi, Takashi; Satoh, Mioko; Fujisawa, Yukio; Itoh, Yasuaki; Wakimasu, Mitsuhiro; Ohtaki, Tetsuya [Reprint author]
 CS Discovery Res. Lab. I, Takeda Chemical Industries Ltd., 10 Wadai, Tsukuba, Ibaraki 300-42, Japan
 SO European Journal of Pharmacology, (1997) Vol. 325, No. 2-3, pp. 263-270.
 CODEN: EJPHAZ. ISSN: 0014-2999.
 DT Article
 LA English
 ED Entered STN: 24 Jun 1997
 Last Updated on STN: 24 Jun 1997

L2 ANSWER 113 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 97:776535 SCISEARCH
 GA The Genuine Article (R) Number: YA721
 TI Cloning of GPR37, a gene located on chromosome 7 encoding a putative G-protein-coupled peptide receptor, from a human frontal brain EST library
 AU Marazziti D; Golini E; Gallo A; Lombardi M S; Matteoni R; Tocchinivalentini G P (Reprint)

CS CNR, IST BIOL CELLULARE, VIALE MARX 43, I-00137 ROME, ITALY (Reprint);
CNR, IST BIOL CELLULARE, I-00137 ROME, ITALY; ENICHEM SPA, BIOTECHNOL LAB,
I-00015 MONTEROTONDO, ROME, ITALY
CYA ITALY
SO GENOMICS, (1 OCT 1997) Vol. 45, No. 1, pp. 68-77.
Publisher: ACADEMIC PRESS INC JNL-COMP SUBSCRIPTIONS, 525 B ST, STE 1900,
SAN DIEGO, CA 92101-4495.
ISSN: 0888-7543.
DT Article; Journal
FS LIFE
LA English
REC Reference Count: 50
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 114 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 97:339078 SCISEARCH
GA The Genuine Article (R) Number: WV420
TI Phosphorylation and desensitization of ***human*** ***endothelin***
receptors
AU Cramer H (Reprint); Muller Esterl W; Schroder C
CS UNIV MAINZ, INST PHYSIOL CHEM, DEPT PATHOBIOCHEM, D-55099 MAINZ, GERMANY
CYA GERMANY
SO NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, (1 MAY 1997) Vol. 355, No.
4, Supp. [S], pp. 34-34.
Publisher: SPRINGER VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010.
ISSN: 0028-1298.
DT Conference; Journal
FS LIFE
LA English
REC Reference Count: 0

L2 ANSWER 115 OF 275 USPATFULL on STN
AN 96:94614 USPATFULL
TI Biphenyl compounds useful or endothelin antagonists
IN Bagley, Scott W., Groton, CT, United States
Brotten, Theodore P., Ambler, PA, United States
Chakravarty, Prasun K., Edison, NJ, United States
Dhanoo, Daljit S., Secaucus, NJ, United States
Fitch, Kenneth J., Scotch Plains, NJ, United States
Greenlee, William J., Teaneck, NJ, United States
Kevin, Nancy J., Clifton, NJ, United States
Pettibone, Douglas J., Chalfont, PA, United States
Rivero, Ralph A., Tinton Falls, NJ, United States
Walsh, Thomas F., Westfield, NJ, United States
Williams, Jr., David L., Telford, PA, United States
Toupençe, Richard B., Cranford, NJ, United States
Matthews, Jay M., Fords, NJ, United States
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
PI US 5565485 19961015
AI US 1994-294232 19940822 (8)
RLI Continuation-in-part of Ser. No. US 1994-287374, filed on 8 Aug 1994,
now abandoned which is a continuation-in-part of Ser. No. US
1994-197467, filed on 24 Feb 1994, now abandoned which is a
continuation-in-part of Ser. No. US 1993-34455, filed on 19 Mar 1993,
now abandoned
DT Utility
FS Granted
LN.CNT 6590
INCL INCLM: 514/452.000
INCLS: 514/146.000; 514/231.000; 514/312.000; 514/347.000; 514/231.500;
514/381.000; 514/461.000; 514/464.000; 514/465.000; 514/469.000;
514/470.000; 514/869.000; 544/146.000; 546/153.000; 546/293.000;
548/253.000; 548/254.000; 549/220.000; 549/362.000; 549/434.000;
549/469.000
NCL NCLM: 514/452.000
NCLS: 514/146.000; 514/231.500; 514/233.800; 514/312.000; 514/347.000;
514/381.000; 514/461.000; 514/464.000; 514/465.000; 514/469.000;
514/470.000; 514/869.000; 544/146.000; 546/153.000; 546/293.000;
548/253.000; 548/254.000; 549/220.000; 549/362.000; 549/434.000;
549/469.000
IC [6]
ICM: A61K031-335
ICS: A61K031-535; C07D319-08; C07D265-30
EXF 514/146; 514/231; 514/312; 514/347; 514/381; 514/452; 514/461; 514/464;
514/465; 514/466; 514/469; 514/470; 514/869; 549/220; 549/221; 549/362;
549/434; 549/436; 549/437; 549/438; 549/439; 549/440; 549/441; 549/443;

549/444; 549/445; 549/446; 549/447; 549/448; 549/469; 549/470; 549/471;
548/253; 548/254; 544/146; 546/153; 546/293
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 116 OF 275 USPATFULL on STN
AN 96:87624 USPATFULL
TI Endothelin antagonists bearing pyridyl amides
IN Ashton, Wallace T., Clark, NJ, United States
Chang, Linda L., Wayne, NJ, United States
Greenlee, William J., Teaneck, NJ, United States
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
PI US 5559135 19960924
AI US 1994-306271 19940914 (8)
DT Utility
FS Granted
LN.CNT 3423
INCL INCLM: 514/338.000
INCLS: 514/339.000; 514/233.800; 514/234.500; 514/253.000; 546/022.000;
546/283.700; 546/268.400; 546/270.100; 546/271.700; 546/277.400;
546/277.700; 546/278.100; 546/281.100; 546/284.100; 546/271.100;
546/272.100; 546/273.400; 546/273.700; 546/280.700; 544/131.000;
544/124.000; 544/360.000; 544/232.000
NCL NCLM: 514/338.000
NCLS: 514/233.800; 514/234.500; 514/255.050; 514/339.000; 544/124.000;
544/131.000; 544/232.000; 544/360.000; 546/022.000; 546/268.400;
546/270.100; 546/271.100; 546/271.700; 546/272.100; 546/273.400;
546/273.700; 546/277.400; 546/277.700; 546/278.100; 546/280.700;
546/281.100; 546/283.700; 546/284.100
IC [6]
ICM: C07D405-12
ICS: A61K031-44
EXF 546/270; 546/22; 514/338
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 117 OF 275 USPATFULL on STN
AN 96:77763 USPATFULL
TI Endothelin Antagonists II
IN Cody, Wayne L., Saline, MI, United States
Doherty, Annette M., Ann Arbor, MI, United States
Topliss, John G., Ann Arbor, MI, United States
PA Warner-Lambert Company, Morris Plains, NJ, United States (U.S.
corporation)
PI US 5550110 19960827
AI US 1994-269257 19940630 (8)
RLI Continuation-in-part of Ser. No. US 1993-33515, filed on 31 Mar 1993,
now abandoned which is a continuation-in-part of Ser. No. US
1992-872225, filed on 22 Apr 1992, now abandoned
DT Utility
FS Granted
LN.CNT 2770
INCL INCLM: 514/017.000
INCLS: 514/018.000; 514/019.000; 514/020.000; 514/297.000; 514/437.000;
514/454.000; 514/561.000; 514/564.000; 514/567.000; 530/329.000;
530/330.000; 530/331.000; 546/104.000; 549/026.000; 549/390.000;
562/445.000; 562/450.000
NCL NCLM: 514/017.000
NCLS: 514/018.000; 514/019.000; 514/020.000; 514/297.000; 514/437.000;
514/454.000; 514/561.000; 514/564.000; 514/567.000; 530/329.000;
530/330.000; 530/331.000; 546/104.000; 549/026.000; 549/390.000;
562/445.000; 562/450.000
IC [6]
ICM: A61K038-04
ICS: A61K038-08; C07K005-04; C07K007-06
EXF 546/104; 549/26; 549/390; 562/445; 562/450; 530/329; 530/330; 530/331;
514/17; 514/18; 514/19; 514/20; 514/297; 514/437; 514/454; 514/561;
514/564; 514/567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 118 OF 275 USPATFULL on STN
AN 96:65582 USPATFULL
TI Endothelin antagonists bearing 5-membered heterocyclic amides
IN Ashton, Wallace T., Clark, NJ, United States
Chang, Linda L., Wayne, NJ, United States
Greenlee, William J., Teaneck, NJ, United States
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
PI US 5538991 19960723

AI US 1994-306275 19940914 (8)
 DT Utility
 FS Granted
 LN.CNT 4324
 INCL INCLM: 514/397.000
 INCLS: 514/363.000; 514/370.000; 514/377.000; 514/383.000; 548/133.000;
 548/139.000; 548/185.000; 548/195.000; 548/214.000; 548/233.000;
 548/265.400; 548/256.000; 548/311.700; 548/364.400; 548/526.000;
 549/060.000; 549/435.000
 NCL NCLM: 514/397.000
 NCLS: 514/363.000; 514/370.000; 514/377.000; 514/383.000; 548/133.000;
 548/139.000; 548/185.000; 548/195.000; 548/214.000; 548/233.000;
 548/256.000; 548/265.400; 548/311.700; 548/364.400; 548/526.000;
 549/060.000; 549/435.000
 IC [6]
 ICM: C07D417-12
 ICS: A61K031-41
 EXF 548/185; 548/195; 548/214; 548/133; 548/134; 548/233; 548/526;
 548/364.4; 548/311.7; 548/256; 548/265.4; 549/60; 549/435; 514/363;
 514/370; 514/377; 514/383; 514/397
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L2 ANSWER 119 OF 275 USPATFULL on STN
 AN 96:14818 USPATFULL
 TI Endothelin antagonists incorporating a cyclobutane
 IN Rivero, Ralph A., Tinton Falls, NJ, United States
 Williams, Peter D., Harleysville, PA, United States
 Veber, Daniel F., Ambler, PA, United States
 PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
 PI US 5492917 19960220
 AI US 1993-128937 19930929 (8)
 DT Utility
 FS Granted
 LN.CNT 1104
 INCL INCLM: 514/319.000
 INCLS: 514/510.000; 514/532.000; 514/534.000; 514/535.000; 514/539.000;
 514/545.000; 514/561.000; 514/562.000; 514/564.000; 514/569.000;
 514/617.000; 514/618.000; 514/620.000; 514/621.000; 514/622.000;
 514/680.000; 514/712.000; 514/716.000; 514/717.000; 514/718.000;
 514/719.000; 514/721.000; 514/727.000; 514/729.000; 514/732.000;
 560/010.000; 560/021.000; 560/023.000; 560/024.000; 560/025.000;
 560/028.000; 560/052.000; 560/056.000; 560/101.000; 560/102.000;
 564/154.000; 564/155.000; 564/157.000; 564/158.000; 564/161.000;
 564/162.000; 564/163.000; 564/164.000; 564/165.000; 564/169.000;
 564/172.000; 568/031.000; 568/042.000; 568/043.000; 568/056.000;
 568/058.000; 568/306.000; 568/326.000; 568/585.000; 568/586.000;
 568/632.000; 568/633.000; 568/634.000; 568/659.000; 568/660.000;
 568/661.000; 568/662.000; 568/705.000; 568/808.000
 NCL NCLM: 514/319.000
 NCLS: 514/510.000; 514/532.000; 514/534.000; 514/535.000; 514/539.000;
 514/545.000; 514/561.000; 514/562.000; 514/564.000; 514/569.000;
 514/617.000; 514/618.000; 514/620.000; 514/621.000; 514/622.000;
 514/680.000; 514/712.000; 514/716.000; 514/717.000; 514/718.000;
 514/719.000; 514/721.000; 514/727.000; 514/729.000; 514/732.000;
 560/010.000; 560/021.000; 560/023.000; 560/024.000; 560/025.000;
 560/028.000; 560/052.000; 560/056.000; 560/101.000; 560/102.000;
 564/154.000; 564/155.000; 564/157.000; 564/158.000; 564/161.000;
 564/162.000; 564/163.000; 564/164.000; 564/165.000; 564/169.000;
 564/172.000; 568/031.000; 568/042.000; 568/043.000; 568/056.000;
 568/058.000; 568/306.000; 568/326.000; 568/585.000; 568/586.000;
 568/632.000; 568/633.000; 568/634.000; 568/659.000; 568/660.000;
 568/661.000; 568/662.000; 568/705.000; 568/808.000
 IC [6]
 ICM: A61K031-445
 ICS: A61K031-21; A61K031-12; A61K031-05; C07C043-20; C07C033-38;
 C07C069-76; C07C205-00; C07C049-115; C07C049-83
 EXF 546/195; 514/319; 514/510; 514/532; 514/534; 514/535; 514/539; 514/545;
 514/561; 514/562; 514/564; 514/618; 514/619; 514/620; 514/621; 514/712;
 514/716; 514/717; 514/718; 514/567; 514/569; 514/617; 514/627; 514/689;
 514/727; 514/729; 514/732; 514/719; 514/721; 568/326; 568/632; 568/808;
 568/42; 568/39; 568/43; 568/56; 568/58; 568/306; 568/585; 568/586;
 568/633; 568/634; 568/659; 568/660; 568/661; 568/662; 568/705; 560/52;
 560/10; 560/21; 560/22; 560/23; 560/24; 560/25; 560/28; 560/56; 560/101;
 560/102; 564/165; 564/169; 564/172; 564/154; 564/155; 564/157; 564/158;
 564/161; 564/162; 564/163; 564/164; 562/460; 562/461; 562/427; 562/434;
 562/436

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 120 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 14
AN 1996:527982 BIOSIS
DN PREV199699250338
TI Molecular characterization of a novel ***human*** ***endothelin***
receptor splice variant.
AU Elshourbagy, Nabil A. [Reprint author]; Adamou, John E.; Gagnon, Alison
W.; Wu, Hsiao-Ling; Pullen, Mark; Nambi, Ponnal
CS Dep. Mol. Genet., SmithKline Beecham Pharmaceuticals, King of Prussia, PA
19406, USA
SO Journal of Biological Chemistry, (1996) Vol. 271, No. 41, pp. 25300-25307.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 22 Nov 1996
Last Updated on STN: 22 Nov 1996

L2 ANSWER 121 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 15
AN 1996:460364 BIOSIS
DN PREV199699182720
TI Palmitoylation of endothelin receptor A: Differential modulation of signal
transduction activity by post-translational modification.
AU Horstmeyer, Angelika; Cramer, Henning; Sauer, Tobias; Mueller-Esterl,
Werner; Schroeder, Christian [Reprint author]
CS Inst. Physiol. Chem. Pathobiochemistry, Univ. Mainz, Duesbergweg 6,
D-55099 Mainz, Germany
SO Journal of Biological Chemistry, (1996) Vol. 271, No. 34, pp. 20811-20819.
CODEN: JBCHA3. ISSN: 0021-9258.
DT Article
LA English
ED Entered STN: 11 Oct 1996
Last Updated on STN: 11 Oct 1996

L2 ANSWER 122 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 96:225365 SCISEARCH
GA The Genuine Article (R) Number: TZ284
TI COMPARISON OF PORCINE AND ***HUMAN*** ***ENDOTHELIN***
RECEPTORS
AU HANDSCOMBE C M (Reprint); WHITE A B; WONG M L; HOPKINS N J; BIRRELL M;
BROWN T J; ROACH A G
CS RHONE-POULENC RORER, DAGENHAM RES CTR, DAGENHAM, ESSEX, ENGLAND
CYA ENGLAND
SO FASEB JOURNAL, (08 MAR 1996) Vol. 10, No. 3, pp. 4008.
ISSN: 0892-6638.
DT Conference; Journal
FS LIFE
LA ENGLISH
REC No References

L2 ANSWER 123 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1996:211136 BIOSIS
DN PREV199698767265
TI Comparison of porcine and ***human*** ***endothelin***
receptors
AU Handscombe, C. M.; White, A. B.; Wong, M. L.; Hopkins, N. J.; Birrell, M.;
Brown, T. J.; Roach, A. G.
CS Rhone-Poulenc Rorer, Dagenham Res. Cent., Dagenham, Essex, UK
SO FASEB Journal, (1996) Vol. 10, No. 3, pp. A694.
Meeting Info.: Experimental Biology 96, Part II. Washington, D.C., USA.
April 14-17, 1996.
CODEN: FAJOEC. ISSN: 0892-6638.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 2 May 1996
Last Updated on STN: 2 May 1996

L2 ANSWER 124 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:220354 CAPLUS
TI Endothelin receptor antagonists in the treatment of stroke.
AU Elliott, John D.; Lago, M. Amparo; Barone, Frank C.; Willette, Robert N.;
Nambi, Ponnal; Ohlstein, Eliot H.
CS Departments Medicinal Chemistry and Pharmacology, SmithKline Beecham

SO Pharmaceuticals, King of Prussia, PA, 19439, USA
 Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March
 24-28 (1996), MEDI-108 Publisher: American Chemical Society, Washington,
 D. C.
 CODEN: 62PIAJ
 DT Conference; Meeting Abstract
 LA English
 L2 ANSWER 125 OF 275 JICST-EPlus COPYRIGHT 2004 JST on STN
 AN 960520413 JICST-EPlus
 TI Elucidation of Clinical Implication of Vasoactive Substances by Molecular
 Biology and its Application to Gene Therapy.
 AU NAKAO KAZUWA
 CS Kyoto Univ.
 SO Saibo Idengakuteki Shuho ni Motozuku Nanbyo no Shindan oyobi Chiryoho
 Chosa Kenkyuhan. Heisei 7 Nendo Kenkyu Hokokusho, (1996) pp. 52-64.
 Journal Code: N19961407 (Fig. 7, Ref. 20)
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L2 ANSWER 126 OF 275 IMSDRUGNEWS COPYRIGHT 2004 IMSWORLD on STN

ACCESSION NUMBER: 95:1735 IMSDRUGNEWS
 TITLE: PD 159433 Parke Davis specific ETA antagonist
 SOURCE: R&D Focus Drug News (4 Sep 1995).
 WORD COUNT: 125

L2 ANSWER 127 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1995:615181 CAPLUS
 DN 123:9158
 TI Preparation of 2,3-diphenylpropanoates and N-(2,3-
 diphenylpropanoyl)benzenesulfonamides as endothelin antagonists
 IN Greenlee, William J.; Walsh, Thomas F.
 PA Merck and Co., Inc., USA
 SO PCT Int. Appl., 150 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9503295	A1	19950202	WO 1994-US7693	19940715
W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KE, KG, KR,				
KZ, LK, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK,				
TJ, TT, UA, US, UZ				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,				
BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5686478	A	19971111	US 1994-267981	19940707
AU 9472571	A1	19950220	AU 1994-72571	19940715
AU 683677	B2	19971120		
EP 710235	A1	19960508	EP 1994-922117	19940715
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
JP 09500644	T2	19970121	JP 1995-505175	19940715
PRAI US 1993-95126	A	19930720		
US 1994-267981	A	19940707		
WO 1994-US7693	W	19940715		
OS MARPAT 123:9158				

L2 ANSWER 128 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1995:804522 CAPLUS
 DN 123:189361
 TI Recombinant preparation of ***human*** ***endothelin***
 receptors and use as endothelin antagonists
 IN Ito, Yasuaki; Fujisawa, Yukio; Onda, Haruo
 PA Takeda Chemical Industries Ltd, Japan
 SO Jpn. Kokai Tokkyo Koho, 10 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07167860	A2	19950704	JP 1994-251102	19941018
JP 3519139	B2	20040412		

PRAI JP 1994-251102 A 19941018
JP 1993-261366 19931019

L2 ANSWER 129 OF 275 TOXCENTER COPYRIGHT 2004 ACS on STN
AN 1995:173918 TOXCENTER
CP Copyright 2004 ACS
DN CA12301009158Y
TI Preparation of 2,3-diphenylpropanoates and N-(2,3-diphenylpropanoyl)benzenesulfonamides as endothelin antagonists
AU Greenlee, William J.; Walsh, Thomas F.
CS ASSIGNEE: Merck and Co., Inc.
PI WO 953295 A1 2 Feb 1995
SO (1995) PCT Int. Appl., 150 pp.
CODEN: PIXXD2.
CY UNITED STATES
DT Patent
FS CAPLUS
OS CAPLUS 1995:615181
LA English
ED Entered STN: 20011116
Last Updated on STN: 20020903

L2 ANSWER 130 OF 275 USPATFULL on STN
AN 95:47729 USPATFULL
TI Quinazolinones substituted with phenoxyphenylacetic acid derivatives
IN Dhanoa, Daljit S., Secaucus, NJ, United States
Fitch, Kenneth J., Cranford, NJ, United States
Veber, Daniel F., Ambler, PA, United States
Walsh, Thomas F., Watchung, NJ, United States
Williams, Jr., David L., Telford, PA, United States
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
PI US 5420133 19950530
AI US 1993-34448 19930319 (8)
DT Utility
FS Granted
LN.CNT 3662
INCL INCLM: 514/256.000
INCLS: 514/229.500; 514/230.500; 514/247.000; 514/258.000; 514/269.000;
514/826.000; 514/893.000; 544/242.000; 544/245.000; 544/253.000;
544/283.000; 544/295.000; 544/298.000; 544/299.000; 544/300.000;
544/301.000; 544/302.000; 544/304.000; 544/305.000; 544/309.000;
544/310.000; 544/311.000; 548/100.000; 548/124.000; 548/146.000;
548/181.000; 548/182.000; 548/184.000; 548/190.000
NCL NCLM: 514/256.000
NCLS: 514/229.500; 514/230.500; 514/247.000; 514/264.100; 514/266.210;
514/266.230; 514/266.300; 514/269.000; 514/826.000; 514/893.000;
544/242.000; 544/245.000; 544/253.000; 544/283.000; 544/295.000;
544/298.000; 544/299.000; 544/300.000; 544/301.000; 544/302.000;
544/304.000; 544/305.000; 544/309.000; 544/310.000; 544/311.000;
548/100.000; 548/124.000; 548/146.000; 548/181.000; 548/184.000;
548/190.000
IC [6]
ICM: A61K031-41
ICS: A01N043-64; C07D413-00; C07D413-14
EXF 514/256; 514/229.5; 514/230.5; 514/247; 514/258; 514/269; 514/826;
514/893; 544/242; 544/253; 544/298; 544/299; 544/300; 544/301; 548/181
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 131 OF 275 USPATFULL on STN
AN 95:27312 USPATFULL
TI Quinazolinones substituted with phenoxyphenylacetic acid derivatives
IN Bagley, Scott W., Rahway, NJ, United States
Chakravarty, Prasun K., Edison, NJ, United States
Chen, Anna, Rahway, NJ, United States
Dhanoa, Daljit S., Tinton Falls, NJ, United States
Fitch, Kenneth J., Cranford, NJ, United States
Greenlee, William J., Teaneck, NJ, United States
Naylor, Elizabeth M., Scotch Plains, NJ, United States
Tata, James R., Westfield, NJ, United States
Walsh, Thomas F., Westfield, NJ, United States
Williams, Jr., David L., Telford, PA, United States
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
PI US 5401745 19950328
AI US 1993-33595 19930319 (8)
DT Utility
FS Granted

LN.CNT 3433
INCL INCLM: 514/259.000
INCLS: 544/249.000; 544/250.000; 544/287.000; 544/293.000; 544/289.000;
544/284.000; 544/244.000; 544/279.000; 544/116.000; 544/117.000;
544/105.000; 544/052.000; 544/051.000; 544/291.000; 544/285.000;
544/286.000; 514/080.000; 514/224.200; 514/230.500; 514/234.200;
514/234.500; 514/234.800; 514/249.000; 514/258.000; 514/260.000;
514/267.000
NCL NCLM: 514/266.230
NCLS: 514/080.000; 514/081.000; 514/224.200; 514/230.500; 514/234.200;
514/234.500; 514/234.800; 514/249.000; 514/264.100; 514/265.100;
514/266.200; 514/266.210; 514/267.000; 544/051.000; 544/052.000;
544/105.000; 544/116.000; 544/117.000; 544/244.000; 544/249.000;
544/250.000; 544/279.000; 544/284.000; 544/285.000; 544/286.000;
544/287.000; 544/289.000; 544/291.000; 544/293.000

IC [6]
ICM: A61K031-505
ICS: A61K031-54; C07D239-95; C07D239-86
EXF 514/269; 514/256; 514/275; 514/80; 514/234.2; 514/249; 514/267; 544/315;
544/316; 544/318; 544/330; 544/331; 544/332; 544/333; 544/335; 544/296;
544/242; 544/287; 544/284; 544/289; 544/279; 544/105; 544/249; 544/285

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 132 OF 275 USPATFULL on STN
AN 95:16016 USPATFULL
TI Benzimidazolinones substituted with phenoxyphenylacetic acid derivatives
IN Chakravarty, Prasun K., Edison, NJ, United States
Naylor, Elizabeth M., Scotch Plains, NJ, United States
Tata, James R., Westfield, NJ, United States
Walsh, Thomas F., Westfield, NJ, United States
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)
PI US 5391566 19950221
AI US 1993-94592 19930720 (8)
DT Utility
FS Granted

LN.CNT 3518
INCL INCLM: 514/387.000
INCLS: 548/306.400; 548/305.100
NCL NCLM: 514/387.000
NCLS: 548/305.100; 548/306.400
IC [6]
ICM: A61K031-415
ICS: C07D235-26
EXF 548/305.1; 548/306.4; 514/387
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 133 OF 275 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
AN 1995-155056 [20] WPIDS
DNC C1995-071411
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin.
DC B04
IN BARANYI, L; KAWAMURA, S; NISHINO, T; OHSHIMA, K; OKADA, H; YAMAMOTO, R
PA (KURB) KURASHIKI BOSEKI KK; (OKAD-I) OKADA H
CYC 19
PI WO 9509643 A1 19950413 (199520)* JA 32 A61K038-17
RW: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
W: JP US
EP 672421 A1 19950920 (199542) EN 24 A61K038-17
R: CH DE FR GB IT LI
JP 07510721 X 19960123 (199642) A61K038-17
EP 672421 B1 20020320 (200221) EN A61K038-17
R: CH DE FR GB IT LI
DE 69430190 E 20020425 (200235) A61K038-17
ADT WO 9509643 A1 WO 1994-JP1658 19941004; EP 672421 A1 EP 1994-927840
19941004, WO 1994-JP1658 19941004; JP 07510721 X WO 1994-JP1658 19941004,
JP 1995-510721 19941004; EP 672421 B1 EP 1994-927840 19941004, WO
1994-JP1658 19941004; DE 69430190 E DE 1994-630190 19941004, EP
1994-927840 19941004, WO 1994-JP1658 19941004
FDT EP 672421 A1 Based on WO 9509643; JP 07510721 X Based on WO 9509643; EP
672421 B1 Based on WO 9509643; DE 69430190 E Based on EP 672421, Based on
WO 9509643
PRAI JP 1993-251445 19931007
IC ICM A61K038-17
ICA C07K014-72

L2 ANSWER 134 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 16
 AN 1995:248454 BIOSIS
 DN PREV199598262754
 TI Structural Basis of G Protein Specificity of ***Human***
 Endothelin ***Receptors*** : A study with endothelin A/B
 chimeras.
 AU Takagi, Yasutaka; Ninomiya, Haruaki; sakamoto, Aiji; Miwa, Soichi; Masaki,
 Tomoh [Reprint author]
 CS Dep. Pharmacol., Fac. Med., Kyoto University, Kyoto 606, Japan
 SO Journal of Biological Chemistry, (1995) Vol. 270, No. 17, pp. 10072-10078.
 CODEN: JBCHA3. ISSN: 0021-9258.
 DT Article
 LA English
 ED Entered STN: 13 Jun 1995
 Last Updated on STN: 13 Jun 1995

L2 ANSWER 135 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 95:770639 SCISEARCH
 GA The Genuine Article (R) Number: TB480
 TI CLONING AND EXPRESSION OF A NOVEL ***HUMAN*** ***ENDOTHELIN***
 RECEPTOR SPLICE VARIANT
 AU ELSHOURBAGY N A (Reprint); ADAMOU J E; GAGNON A W; WU H L; PULLEN M; NAMBI
 P
 CS SMITHKLINE BEECHAM, KING OF PRUSSIA, PA, 00000
 CYA USA
 SO CIRCULATION, (15 OCT 1995) Vol. 92, No. 8, Supp. S, pp. 3042.
 ISSN: 0009-7322.
 DT Conference; Journal
 FS LIFE; CLIN
 LA ENGLISH
 REC No References

L2 ANSWER 136 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 96:2147 SCISEARCH
 GA The Genuine Article (R) Number: TJ299
 TI ET(B) AND EPIDERMAL GROWTH-FACTOR RECEPTOR STIMULATION OF WOUND CLOSURE IN
 BOVINE CORNEAL EPITHELIAL-CELLS
 AU TAO W H (Reprint); LIOU G I; WU X P; REINACH P S
 CS CUNY MT SINAI SCH MED, DIV NEOPLAST DIS, 1 GUSTAVE L LEVY PLAZA, NEW YORK,
 NY, 10029 (Reprint); MED COLL GEORGIA, DEPT OPHTHALMOL, AUGUSTA, GA,
 30912; SUNY COLL OPTOMETRY, DEPT BIOL SCI, NEW YORK, NY, 00000; MT SINAI
 MED CTR, DIV NEOPLAST DIS, NEW YORK, NY, 10029
 CYA USA
 SO INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, (DEC 1995) Vol. 36, No. 13,
 pp. 2614-2622.
 ISSN: 0146-0404.
 DT Article; Journal
 FS LIFE
 LA ENGLISH
 REC Reference Count: 45
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 137 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1995:993899 CAPLUS
 DN 124:27372
 TI Mutation of the endothelin-receptor B gene in Waardenburg-Hirschsprung
 disease
 AU Attie, Tania; Till, Marianne; Pelet, Anna; Amiel, Jeanne; Edery, Patrick;
 Boutrand, Laetitia; Munnich, Arnold; Lyonnet, Stanislas
 CS Unite de Recherches sur les Handicaps Genetiques de l'Enfant, INSERM
 U-393, Paris, 75743, Fr.
 SO Human Molecular Genetics (1995), 4(12), 2407-09
 CODEN: HMGEES; ISSN: 0964-6906
 PB Oxford University Press
 DT Journal
 LA English

L2 ANSWER 138 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 17
 AN 1996:81554 BIOSIS
 DN PREV199698653689
 TI Pharmacology of L-754142, a highly potent, orally active, nonpeptidyl
 endothelin antagonist.
 AU Williams, D. L., Jr. [Reprint author]; Murphy, K. L.; Nolan, N. A.;
 O'Brien, J. A.; Pettibone, D. J.; Kivlighn, S. D.; Krause, S. M.; Lis., E.

V., Jr.; Zingaro, G. J.; Gabel, R. A.; Clayton, F. C.; Siegal, P. K. S.; Zhang, K.; Naue, J.; Vyas, K.; Walsh, T. F.; Fitch, K. J.; Chakravarty, P. K.; Greenlee, W. J.; Clineschmidt, B. V.
 CS WP46-300, Merck Res. Lab., West Point, PA 19846, USA
 SO Journal of Pharmacology and Experimental Therapeutics, (1995) Vol. 275, No. 3, pp. 1518-1526.
 CODEN: JPETAB. ISSN: 0022-3565.

DT Article
 LA English
 ED Entered STN: 27 Feb 1996
 Last Updated on STN: 10 Jun 1997

L2 ANSWER 139 OF 275 DRUGU COPYRIGHT 2004 THOMSON DERWENT on STN
 AN 1995-34299 DRUGU C P
 TI Discovery of substituted 8,9-dicarboxydibenzo (2,3:5,6)bicyclo (5.2.0)nonan 4-ones with moderate binding affinity to the endothelin ETA and ETB receptors.
 AU Rivero R A; Greenlee W J; Williams P D; Kieczykowski G R; Williams D L Jr
 CS Merck-USA
 LO Rahway, N.J, USA
 SO ; Bioorg.Med.Chem.Lett. (5, No. 13, 1401-404, 1995) 0 Fig. 2 Tab. 8 Ref.
 CODEN: ; BMCL
 AV Department of Basic Chemistry, Merck Research Laboratories, R50G-331, P.O. Box 2000, Rahway, NJ 07065, U.S.A.
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

L2 ANSWER 140 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1996:13373 BIOSIS
 DN PREV199698585508
 TI Cloning and expression of a novel ***human*** ***endothelin*** ***receptor*** splice variant.
 AU Elshourbagy, Nabil A.; Adamou, John E.; Gagnon, Alison W.; Wu, Hsiao-Ling; Pullen, Mark; Nambi, Ponnal
 CS SmithKline Beecham, King of Prussia, PA, USA
 SO Circulation, (1995) Vol. 92, No. 8 SUPPL., pp. I634.
 Meeting Info.: 68th Scientific Session of the American Heart Association. Anaheim, California, USA. November 13-16, 1995.
 CODEN: CIRCAZ. ISSN: 0009-7322.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 4 Jan 1996
 Last Updated on STN: 4 Jan 1996

L2 ANSWER 141 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 18
 AN 1996:26067 BIOSIS
 DN PREV199698598202
 TI Potency of PD155080, an orally active ET-A receptor antagonist, determined for ***human*** ***endothelin*** ***receptors*** .
 AU Maguire, Janet J. [Reprint author]; Kuc, Rhoda E.; Doherty, Annette M.; Davenport, Anthony P.
 CS Clinical Pharmacol. Unit, Univ. Cambridge, Box 110, Addenbrooke's Hosp., Cambridge CB2 2QQ, UK
 SO Journal of Cardiovascular Pharmacology, (1995) Vol. 26, No. SUPPL. 3, pp. S362-S364.
 CODEN: JPCPDT. ISSN: 0160-2446.
 DT Article
 LA English
 ED Entered STN: 12 Jan 1996
 Last Updated on STN: 12 Jan 1996

L2 ANSWER 142 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 19
 AN 1996:16020 BIOSIS
 DN PREV199698588155
 TI Distinct roles of second and third intracellular loops of ***human*** ***endothelin*** ***receptors*** in the selective activation of G-alpha-s/G-alpha-i.
 AU Ninomiya, Haruaki; Takagi, Tasutaka; Miwa, Soichi; Masaki, Tomoh [Reprint author]
 CS Dep. Pharmacol., Fac. Med., Kyoto Univ., Kyoto 606, Japan
 SO Journal of Cardiovascular Pharmacology, (1995) Vol. 26, No. SUPPL. 3, pp.

S254-S257.

CODEN: JCPCDT. ISSN: 0160-2446.

DT Article
LA English
ED Entered STN: 12 Jan 1996
Last Updated on STN: 12 Jan 1996

L2 ANSWER 143 OF 275 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 1995:25351587 BIOTECHNO
TI Distinct roles of second and third intracellular loops of ***human***
endothelin ***receptors*** in the selective activation of
G.alpha.s/G.alpha.i
AU Ninomiya H.; Takagi Y.; Miwa S.; Masaki T.
CS Department of Pharmacology, Faculty of Medicine, Kyoto University, Kyoto
606, Japan.
SO Journal of Cardiovascular Pharmacology, (1995), 26/SUPPL. 3 (S254-S257)
CODEN: JCPCDT ISSN: 0160-2446
DT Journal; Conference Article
CY United States
LA English
SL English

L2 ANSWER 144 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 20
AN 1995:312516 BIOSIS
DN PREV199598326816
TI The application of the human beta-globin gene locus control region and
murine erythroleukemia cell system to the expression and pharmacological
characterization of ***human*** ***endothelin*** ***receptor***
subtypes.
AU Davies, Alison; Whiting, Elaine; Bath, Colin; Tang, Eric; Brennand, John
[Reprint author]
CS Cardiovascular Metabolism Research Dep., Zeneca Pharmaceuticals, Mereside,
Alderley Park, Macclesfield, Cheshire SK10 4TG, UK
SO Journal of Pharmacological and Toxicological Methods, (1995) Vol. 33, No.
3, pp. 153-158.
CODEN: JPTMEZ. ISSN: 1056-8719.
DT Article
LA English
ED Entered STN: 30 Jul 1995
Last Updated on STN: 30 Jul 1995

L2 ANSWER 145 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 21
AN 1996:56778 BIOSIS
DN PREV199698628913
TI Activation of phospholipase A-2 by the ***human*** ***endothelin***
receptor in Chinese hamster ovary cells involves G-i
protein-mediated calcium influx.
AU Kruger, Helen; Carr, Sharon; Brennand, John C.; McLean, John S. [Reprint
author]
CS Dep. Biol. Sci., Univ. Paisley, High St., Paisley PA1 2BE, UK
SO Biochemical and Biophysical Research Communications, (1995) Vol. 217, No.
1, pp. 52-58.
CODEN: BBRCA9. ISSN: 0006-291X.
DT Article
LA English
ED Entered STN: 9 Feb 1996
Last Updated on STN: 10 Feb 1996

L2 ANSWER 146 OF 275 JICST-EPlus COPYRIGHT 2004 JST on STN
AN 950951344 JICST-EPlus
TI Structural basis of G protein specificity of ***human***
endothelin ***receptors*** ; a study with endothelinA/B
chimeras.
AU TAKAGI Y; NINOMIYA H; SAKAMOTO A; MIWA S; MASAKI T
CS Kyoto Univ., Kyoto, JPN
SO Kanae Igaku Joseikin Jushosha Kenkyu Gyosekishu, (1995) vol. 22, pp.
44-74. Journal Code: J0304A (Fig. 9, Tbl. 2, Ref. 32)
CY Japan
DT Journal; Article
LA English
STA New

L2 ANSWER 147 OF 275 DRUGU COPYRIGHT 2004 THOMSON DERWENT on STN
AN 1995-23363 DRUGU P

TI Characterisation of cloned human endothelin ETA and ETB receptors
 expressed in mouse erythroleukaemic cells.
 AU Whiting E; Bath C; Tang E; Wilson C
 CS Zeneca
 LO Macclesfield, U.K.
 SO Br.J.Pharmacol. (114, Proc.Suppl., 1995) 1 Tab. 9 Ref.
 CODEN: BJPCBM ISSN: 0007-1188
 AV ZENECA Pharmaceuticals, Cardiovascular and Metabolism Department,
 Alderley Park, Macclesfield SK10 4TG, England.
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

L2 ANSWER 148 OF 275 DRUGU COPYRIGHT 2004 THOMSON DERWENT on STN
 AN 1996-04607 DRUGU P
 TI Potency of PD155080, an orally active ETA receptor antagonist, determined
 for ***human*** ***endothelin*** ***receptors***.
 AU Maguire J J; Kuc R E; Doherty A M; Davenport A P
 CS Univ.Cambridge; Parke-Davis
 LO Ann Arbor, Mich., USA
 SO J.Cardiovasc.Pharmacol. (26, suppl. 3, s362-s364, 1995) 2 Fig. 1 Tab. 10
 Ref.
 CODEN: JCPCDT ISSN: 0160-2446
 AV Clinical Pharmacology Unit, University of Cambridge, Box 110,
 Addenbrooke's Hospital, Cambridge CB2 2QQ, England.
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

L2 ANSWER 149 OF 275 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
 RESERVED. on STN
 AN 1996-0066363 PASCAL
 CP Copyright .COPYRGT. 1996 INIST-CNRS. All rights reserved.
 TIEN Distinct roles of second and third intracellular loops of ***human***
 endothelin ***receptors*** in the selective activation of
 G.alpha.s/G.alpha.i
 AU NINOMIYA H.; TAKAGI Y.; MIWA S.; MASAKI T.
 VANE John (ed.); MASAKI Tomoh (ed.); VANHOUTTE Paul M. (ed.); BOTTING
 Renia (ed.)
 CS Kyoto univ., fac. medicine, dep. pharmacology, Kyoto 606, Japan
 St Bartholomew's hosp. medical coll., William Harvey res. inst., London,
 United Kingdom; IRIS, Courbevoie, France
 SO William Harvey Research Institute, London, United Kingdom (patr.)
 Journal of cardiovascular pharmacology, (1995), 26(SUP3), S254-S257, 9
 refs.
 Conference: 4 Endothelin IV : ET-4 : international conference on
 endothelin, London (United Kingdom), 23 Apr 1995
 ISSN: 0160-2446 CODEN: JCPCDT
 DT Journal; Conference
 BL Analytic
 CY United States
 LA English
 AV INIST-18065, 354000059059150760

L2 ANSWER 150 OF 275 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
 RESERVED. on STN
 AN 1996-0067816 PASCAL
 CP Copyright .COPYRGT. 1996 INIST-CNRS. All rights reserved.
 TIEN Potency of PD155080, an orally active ET.sub.A receptor antagonist,
 determined for ***human*** ***endothelin*** ***receptors***
 AU MAGUIRE J. J.; KUC R. E.; DOHERTY A. M.; DAVENPORT A. P.
 VANE John (ed.); MASAKI Tomoh (ed.); VANHOUTTE Paul M. (ed.); BOTTING
 Renia (ed.)
 CS Univ. Cambridge, Addenbrooke's hosp., clin. pharmacology unit, Cambridge
 CB2 2QQ, United Kingdom
 St Bartholomew's hosp. medical coll., William Harvey res. inst., London,
 United Kingdom; IRIS, Courbevoie, France
 SO William Harvey Research Institute, London, United Kingdom (patr.)
 Journal of cardiovascular pharmacology, (1995), 26(SUP3), S362-S364, 10
 refs.
 Conference: 4 Endothelin IV : ET-4 : international conference on
 endothelin, London (United Kingdom), 23 Apr 1995
 ISSN: 0160-2446 CODEN: JCPCDT
 DT Journal; Conference

BL Analytic
CY United States
LA English
AV INIST-18065, 354000059059151070

L2 ANSWER 151 OF 275 CEABA-VTB COPYRIGHT 2004 DECHEMA on STN
AN 1995(06):6266 CEABA-VTB FS B
DN CEABA: 1995:2233891
TI CHO cells expressing ***human*** ***endothelin***
receptors

AU Williams, D. L. Jr.; Jones, K.; Hollis, G. F.; Alves, K.; Chan, C. P.-C.;
Tung, Jwu-Sheng (Merck & Co. Inc., Rahaway, NJ 07065, USA)
SO PCT Patent Appl. (1994) WO 9409116(Appl. US 961555, Filed 15 oct 1992)
CODEN: PIXXD2
DT Patent
LA English

L2 ANSWER 152 OF 275 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 1994-07940 BIOTECHDS
TI ***Human*** ***endothelin*** ***receptor*** subtype A and
receptor subtype B expression in CHO cell culture using e.g. plasmid
pSP73;
application as a pharmaceutical

PA Merck-USA
PI WO 9409116 28 Apr 1994
AI WO 1993-US9882 14 Oct 1993
PRAI US 1992-961568 15 Oct 1992; US 1992-961555 15 Oct 1992
DT Patent
LA English
OS WPI: 1994-151302 [18]

L2 ANSWER 153 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 23
AN 1994:692783 CAPLUS
DN 121:292783
TI Quinazolinones substituted with phenoxyphenylacetic acid derivatives for
treatment of cardiovascular disorders
IN Bagley, Scott W.; Chakravarty, Prasun K.; Chen, Anna; Dhanoa, Daljit S.;
Fitch, Kenneth J.; Greenlee, William J.; Naylor, Elizabeth M.; Tata, James
R.; Walsh, Thomas F.; Williams, David L., Jr.
PA Merck and Co., Inc., USA
SO PCT Int. Appl., 127 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9421259	A1	19940929	WO 1994-US2834	19940316
	W: AU, BB, BG, BR, BY, CA, CN, CZ, FI, HU, JP, KR, KZ, LK, LV, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TT, UA, US, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5401745	A	19950328	US 1993-33595	19930319
	AU 9465199	A1	19941011	AU 1994-65199	19940316
PRAI	US 1993-33595		19930319		
	WO 1994-US2834		19940316		
OS	MARPAT 121:292783				

L2 ANSWER 154 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 24
AN 1995:573696 CAPLUS
DN 122:314549
TI Preparation of [(imidazopyridinomethyl)phenoxy]phenylacetates and analogs
as endothelin receptor antagonists
IN Dhanoa, Daljit S.; Fitch, Kenneth J.; Veber, Daniel F.; Walsh, Thomas F.;
Williams, David L., Jr.
PA Merck and Co., Inc., USA
SO Brit. UK Pat. Appl., 198 pp.
CODEN: BAXXDU
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2276383	A1	19940928	GB 1994-5312	19940317
	US 5374638	A	19941220	US 1993-34456	19930319
PRAI	US 1993-34456		19930319		

OS MARPAT 122:314549

L2 ANSWER 155 OF 275 USPATFULL on STN

AN 94:110780 USPATFULL

TI Six membered ring fused imidazoles substituted with phenoxyphenylacetic acid derivatives used to treat asthma

IN Dhanoa, Daljit S., Secaucus, NJ, United States

Fitch, Kenneth J., Scotch Plains, NJ, United States

Veber, Daniel F., Ambler, PA, United States

Walsh, Thomas F., Westfield, NJ, United States

Williams, Jr., David L., Telford, PA, United States

PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)

PI US 5374638 19941220

AI US 1993-34456 19930319 (8)

DT Utility

FS Granted

LN.CNT 4141

INCL INCLM: 514/326.000

INCLS: 514/319.000; 514/323.000; 514/327.000; 514/381.000; 514/826.000;

514/405.000; 514/410.000; 514/413.000; 514/303.000

NCL NCLM: 514/326.000

NCLS: 514/303.000; 514/319.000; 514/323.000; 514/327.000; 514/381.000;

514/405.000; 514/410.000; 514/413.000; 514/826.000

IC [5]

ICM: A61K031-445

ICS: A61K031-41

EXF 514/326; 514/381; 514/323; 514/382; 514/387; 514/388; 514/826

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 156 OF 275 USPATFULL on STN

AN 94:86526 USPATFULL

TI Process for the production of a novel endothelin antagonist

IN Bills, Gerard F., Cranford, NJ, United States

Goetz, Michael A., Fanwood, NJ, United States

Giacobbe, Robert A., Lavallette, NJ, United States

Herranz, Lucia, Madrid, Spain

Turner Jones, E. Tracy, Solana Beach, CA, United States

Pelaez, Fernando, Madrid, Spain

Kong, Yu L., Edison, NJ, United States

Singh, Sheo B., Edison, NJ, United States

Stevens-Miles, Siobhan, Jersey City, NJ, United States

PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)

PI US 5352800 19941004

AI US 1993-29745 19930311 (8)

DT Utility

FS Granted

LN.CNT 913

INCL INCLM: 548/539.000

INCLS: 435/121.000; 435/911.000

NCL NCLM: 548/539.000

NCLS: 435/121.000; 435/911.000

IC [5]

ICM: C07D207-273

EXF 548/539

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 157 OF 275 USPATFULL on STN

AN 94:66489 USPATFULL

TI Six-membered ring fused imidazoles substituted with phenoxyphenylacetic acid derivatives

IN Bagley, Scott W., Groton, CT, United States

Chakravarty, Prasun K., Secaucus, NJ, United States

Chen, Anna, Rahway, NJ, United States

Dhanoa, Daljit S., Tinton Falls, NJ, United States

Fitch, Kenneth J., Cranford, NJ, United States

Greenlee, William J., Teaneck, NJ, United States

Naylor, Elizabeth M., Scotch Plains, NJ, United States

Walsh, Thomas F., Westfield, NJ, United States

Williams, Jr., David L., Telford, PA, United States

PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)

PI US 5334598 19940802

AI US 1993-35340 19930319 (8)

DT Utility

FS Granted

LN.CNT 2730

INCL INCLM: 514/303.000

INCLS: 514/081.000; 514/256.000; 514/234.200; 544/127.000; 544/333.000;
 546/023.000; 546/118.000
 NCLM: 514/303.000
 NCLS: 514/081.000; 514/234.200; 514/256.000; 544/127.000; 544/333.000;
 546/023.000; 546/118.000
 IC [5]
 ICM: A61K031-435
 ICS: C07D471-04
 EXF 546/118; 546/23; 514/303; 514/81; 514/234.2; 514/256; 544/127; 544/333
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L2 ANSWER 158 OF 275 DRUGU COPYRIGHT 2004 THOMSON DERWENT on STN
 AN 1995-08263 DRUGU P
 TI Lysine 182 of endothelin B receptor modulates agonist selectivity and
 antagonist affinity: evidence for the overlap of peptide and non-peptide
 ligand binding sites.
 AU Lee J A; Brinkmann J A; Longton E D; Peishoff C E; Lago A; Leber J D;
 Cousins R D; Gao A; Stadel J M; Kumar C S; Ohlstein E H; Gleason J G;
 Elliott J D
 CS SK-Beecham
 LO King of Prussia, Pa., USA
 SO Biochemistry (33, No. 48, 14543-49, 1994) 3 Fig. 2 Tab. 45 Ref.
 CODEN: BICHAW ISSN: 0006-2960
 AV Department of Macromolecular Sciences, SmithKline Beecham
 Pharmaceuticals, King of Prussia, Pennsylvania 19406, U.S.A.
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

L2 ANSWER 159 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 25
 AN 1994:214488 BIOSIS
 DN PREV199497227488
 TI ***Human*** ***endothelin*** ***receptor*** ET-B: Amino acid
 sequence requirements for super stable complex formation with its ligand.
 AU Takasuka, Tsuyoshi; Sakurai, Takeshi; Goto, Katsutoshi; Furuichi, Yasuhiro
 [Reprint author]; Watanabe, Takahide
 CS Dep. Mol. Genet., Nippon Roche Res. Cent., Kajiwarra, Kamakura 247, Japan
 SO Journal of Biological Chemistry, (1994) Vol. 269, No. 10, pp. 7509-7513.
 CODEN: JBCHA3. ISSN: 0021-9258.
 DT Article
 LA English
 ED Entered STN: 10 May 1994
 Last Updated on STN: 10 May 1994

L2 ANSWER 160 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1994:450272 CAPLUS
 DN 121:50272
 TI Identification of a ligand-binding site of the human endothelin-A receptor
 and specific regions required for ligand selectivity. [Erratum to document
 cited in CA120:153942]
 AU Adachi, Miki; Furuichi, Yasuhiro; Miyamoto, Chikara
 CS Dep. Mol. Genet., Nippon Roche Res. Cent., Kamakura, Japan
 SO European Journal of Biochemistry (1994), 221(3), 1133
 CODEN: EJBCAI; ISSN: 0014-2956
 DT Journal
 LA English

L2 ANSWER 161 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 26
 AN 1994:318580 BIOSIS
 DN PREV199497331580
 TI Mutational analysis of ***human*** ***endothelin***
 receptors ET-A and ET-B: Identification of regions involved in the
 selectivity for endothelin 3 or cyclo-(D-Trp-D-Asp-Pro-D-Val-Leu).
 AU Becker, Andreas [Reprint author]; Haendler, Bernard; Hechler, Ulrike;
 Schleuning, Wolf-Dieter
 CS Inst. Cell. and Mol. Biol., Schering AG, D-13342 Berlin, Germany
 SO European Journal of Biochemistry, (1994) Vol. 221, No. 3, pp. 951-958.
 CODEN: EJBCAI. ISSN: 0014-2956.
 DT Article
 LA English
 ED Entered STN: 26 Jul 1994
 Last Updated on STN: 27 Jul 1994

L2 ANSWER 162 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1994:671683 CAPLUS
 DN 121:271683
 TI Myricerone caffeoyl ester (50-235) is a non-peptide antagonist selective
 for human ETA receptors
 AU Maguire, Janet J.; Bacon, Caragh R.; Fujimoto, Masafumi; Davenport,
 Anthony P.
 CS Addenbrooke's Hospital, University Cambridge, Cambridge, UK
 SO Journal of Hypertension (1994), 12(6), 675-80
 CODEN: JOHYD3; ISSN: 0263-6352
 DT Journal
 LA English

L2 ANSWER 163 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1994:427827 CAPLUS
 DN 121:27827
 TI Endothelin receptor antagonists inhibit endothelin in human skin
 microcirculation
 AU Wenzel, Rene R.; Thomas, Georg Noll; Luscher, F.
 CS Div. Cardiol., Univ. Hosp., Bern, CH-3010, Switz.
 SO Hypertension (1994), 23(5), 581-6
 CODEN: HPRTDN; ISSN: 0194-911X
 DT Journal
 LA English

L2 ANSWER 164 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 27
 AN 1994:260644 BIOSIS
 DN PREV199497273644
 TI Differential regulation of c-fos gene expression by two types of
 human ***endothelin*** ***receptor*** in Chinese hamster
 ovary cells.
 AU Tabuchi, H.; Furuichi, Y. [Reprint author]; Miyamoto, C.
 CS Dep. Mol. Genetics, Nippon Roche Res. Cent., 200 Kajiwara, Kamakura city,
 Kanagawa 247, Japan
 SO Journal of Molecular Endocrinology, (1994) Vol. 12, No. 2, pp. 173-180.
 CODEN: JMLEEI. ISSN: 0952-5041.
 DT Article
 LA English
 ED Entered STN: 8 Jun 1994
 Last Updated on STN: 8 Jun 1994

L2 ANSWER 165 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1994:153942 CAPLUS
 DN 120:153942
 TI Identification of a ligand-binding site of the human endothelin-A receptor
 and specific regions required for ligand selectivity
 AU Adachi, Miki; Furuichi, Yasuhiro; Miyamoto, Chikara
 CS Dep. Mol. Genet., Nippon Roche Res. Cent., Kamakura, Japan
 SO European Journal of Biochemistry (1994), 220(1), 37-43
 CODEN: EJBCAI; ISSN: 0014-2956
 DT Journal
 LA English

L2 ANSWER 166 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 28
 AN 1993:161762 CAPLUS
 DN 118:161762
 TI ***Human*** ***endothelin*** ***receptor*** cDNAs
 IN Imura, Hiroo; Nakao, Kazuwa; Nakanishi, Shigetada
 PA Shionogi and Co., Ltd., Japan
 SO Eur. Pat. Appl., 41 pp.
 CODEN: EPXXDW

DT Patent
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 522868	A1	19930113	EP 1992-306347	19920710
	EP 522868	B1	20030924		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, PT, SE				
	JP 06157595	A2	19940603	JP 1991-172828	19910712
	JP 3050424	B2	20000612		
	AT 250667	E	20031015	AT 1992-306347	19920710
	EP 1355156	A2	20031022	EP 2003-14202	19920710
	EP 1355156	A3	20040225		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT				

	US 6313276	B1	20011106	US 1993-121446	19930914
	US 2002082414	A1	20020627	US 2001-931157	20010816
PRAI	JP 1991-172828	A	19910712		
	EP 1992-306347	A3	19920710		
	US 1992-911684	B1	19920710		
	US 1993-121446	A3	19930914		

L2 ANSWER 167 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 29

AN 1993:296131 BIOSIS

DN PREV199396014356

TI Distinct subdomains of ***human*** ***endothelin***
receptors determine their selectivity to endothelin A-selective
antagonist and endothelin B-selective agonists.

AU Sakamoto, Aiji; Yanagisawa, Masashi; Sawamura, Tatsuya; Enoki, Taijiro;
Ohtani, Toshio; Sakurai, Takeshi; Nakao, Kazuwa; Toyo-Oka, Teruhiko;
Masaki, Tomoh [Reprint author]

CS Dep. Pharmacol., Fac. Med., Kyoto Univ., Sakyo-ku, Kyoto 606, Japan

SO Journal of Biological Chemistry, (1993) Vol. 268, No. 12, pp. 8547-8553.

CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

ED Entered STN: 23 Jun 1993

Last Updated on STN: 24 Jun 1993

L2 ANSWER 168 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 30

AN 1993:210487 BIOSIS

DN PREV199395111712

TI Molecular characterization and regulation of the ***human***
endothelin ***receptors***.

AU Elshourbagy, Nabil A. [Reprint author]; Korman, David R.; Wu, Hsiao-Ling;
Sylvester, Daniel R.; Lee, Jonathan A.; Nuthalaganti, Parvathi; Bergsma,
Derk J.; Kumar, Chandrika S.; Nambi, Ponnal

CS Dep. Molecular Genetics, SmithKline Beecham Pharmaceuticals, King of
Prussia, PA 19406, USA

SO Journal of Biological Chemistry, (1993) Vol. 268, No. 6, pp. 3873-3879.

CODEN: JBCHA3. ISSN: 0021-9258.

DT Article

LA English

OS EMBL-L06622; Genbank-L06622

ED Entered STN: 23 Apr 1993

Last Updated on STN: 9 Jun 1993

L2 ANSWER 169 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1993:642317 CAPLUS

DN 119:242317

TI The human endothelin-B receptor gene. Structural organization and
chromosomal assignment.

AU Arai, Hiroshi; Nakao, Kazuwa; Takaya, Kazuhiko; Hosoda, Kiminori; Ogawa,
Yoshihiro; Nakanishi, Shigetada; Imura, Hiroo

CS Sch. Med., Kyoto Univ., Kyoto, 606, Japan

SO Journal of Biological Chemistry (1993), 268(5), 3463-70

CODEN: JBCHA3; ISSN: 0021-9258

DT Journal

LA English

L2 ANSWER 170 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 31

AN 1993:478101 BIOSIS

DN PREV199396111701

TI Stable expression of ***human*** ***endothelin***
receptors ET-A and ET-B by transfected baby hamster kidney cells.

AU Hechler, Ulrike; Becker, Andreas; Haendler, Bernard [Reprint author];
Schleuning, Wolf-Dieter

CS Res. Lab. of Schering AG, D-13342 Berlin, Germany

SO Biochemical and Biophysical Research Communications, (1993) Vol. 194, No.
3, pp. 1305-1310.

CODEN: BBRCA9. ISSN: 0006-291X.

DT Article

LA English

ED Entered STN: 22 Oct 1993

Last Updated on STN: 3 Jan 1995

L2 ANSWER 171 OF 275 JICST-EPlus COPYRIGHT 2004 JST on STN

AN 930309436 JICST-EPlus

TI Molecular cloning of ***human*** ***endothelin***
 receptors and their expression in vascular endothelial cells and
 smooth muscle cells.
 AU ARAI HIROSHI; NAKAO KAZUWA; HOSODA KIMINORI; OGAWA YOSHIHIRO; NAKAGAWA
 OSAMU; KOMATSU YASATO; IMURA HIROO
 CS Kyoto Univ.
 SO Jpn Circ J, (1993) vol. 56, no. Suppl 5, pp. 1303-1307. Journal Code:
 F0908A (Fig. 11, Ref. 11)
 CODEN: NJUGAK; ISSN: 0047-1828
 CY Japan
 DT Journal; Article
 LA Japanese
 STA New

L2 ANSWER 172 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1994:1434 CAPLUS
 DN 120:1434
 TI Evidence for heterogeneity of endothelin receptor distribution in human
 coronary artery
 AU Godfraind, Theophile
 CS Lab. Pharmacol., Univ. Cathol. Louvain, Brussels, B-1200, Belg.
 SO British Journal of Pharmacology (1993), 110(3), 1201-5
 CODEN: BJPCBM; ISSN: 0007-1188
 DT Journal
 LA English

L2 ANSWER 173 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 32
 AN 1993:206830 BIOSIS
 DN PREV199395108055
 TI Expression of ***human*** ***endothelin*** ***receptor*** ET-B
 by Escherichia coli transformants.
 AU Haendler, Bernard [Reprint author]; Hechler, Ulrike; Becker, Andreas;
 Schleuning, Wolf-Dieter
 CS Research Lab. Schering AG, D-1000 Berlin 65, Germany
 SO Biochemical and Biophysical Research Communications, (1993) Vol. 191, No.
 2, pp. 633-638.
 CODEN: BBRCA9. ISSN: 0006-291X.
 DT Article
 LA English
 ED Entered STN: 23 Apr 1993
 Last Updated on STN: 24 Apr 1993

L2 ANSWER 174 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1993:537699 BIOSIS
 DN PREV199345124793
 TI Structure of 5'-flanking region of ***human*** ***endothelin***
 receptor genes: Cis-elements for transcriptional regulation.
 AU Arai, Hiroshi; Yoshimasa, Takaaki; Takaya, Kazuhiko; Ogawa, Yoshihiro;
 Miyamoto, Yoshihiro; Shirakami, Gotaro; Itoh, Hiroshi; Nakao, Kazuwa
 CS 2nd Div., Dep. Med., Kyoto Univ. Sch. Med., Kyoto, Japan
 SO Hypertension (Dallas), (1993) Vol. 22, No. 3, pp. 408.
 Meeting Info.: 47th Annual Fall Conference and Scientific Sessions of the
 Council for High Blood Pressure Research. San Francisco, California, USA.
 September 28-October 1, 1993.
 CODEN: HPRTDN. ISSN: 0194-911X.
 DT Conference; (Meeting)
 LA English
 ED Entered STN: 30 Nov 1993
 Last Updated on STN: 30 Nov 1993

L2 ANSWER 175 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 93:557409 SCISEARCH
 GA The Genuine Article (R) Number: LW313
 TI STRUCTURE OF 5'-FLANKING REGION OF ***HUMAN*** ***ENDOTHELIN***
 RECEPTOR GENES - CIS-ELEMENTS FOR TRANSCRIPTIONAL REGULATION
 AU ARAI H (Reprint); YOSHIMASA T; TAKAYA K; OGAWA Y; MIYAMOTO Y; SHIRAKAMI G;
 ITOH H; NAKAO K
 CS KYOTO UNIV, SCH MED, DEPT MED, DIV 2, KYOTO 606, JAPAN
 CYA JAPAN
 SO HYPERTENSION, (SEP 1993) Vol. 22, No. 3, pp. 408.
 ISSN: 0194-911X.
 DT Conference; Journal
 FS LIFE; CLIN
 LA ENGLISH
 REC No References

L2 ANSWER 176 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 33
 AN 1993:391679 BIOSIS
 DN PREV199396066979
 TI Characterization of cloned ***human*** ***endothelin***
 receptors
 AU Williams, David L., Jr. [Reprint author]; Jones, Kathryn L.; Alves,
 Kenneth; Chan, Christine P.; Hollis, Gregory F.; Tung, Jwu-Sheng
 CS WP26A-3025, Merck Res. Lab., West Point, PA 19486, USA
 SO Life Sciences, (1993) Vol. 53, No. 5, pp. 407-414.
 CODEN: LIFSAK. ISSN: 0024-3205.
 DT Article
 LA English
 ED Entered STN: 23 Aug 1993
 Last Updated on STN: 24 Aug 1993

L2 ANSWER 177 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 34
 AN 1993:475005 BIOSIS
 DN PREV199396108605
 TI Isolation of human cardiac endothelin receptors by a peptide-receptor
 mobility shift assay.
 AU Persidis, A.; Harcombe, A. A.; Davenport, A. P.; Kuc, R. E.; Plumpton, C.;
 Weissberg, P. L. [Reprint author]
 CS Clin. Pharmacol. Unit, Level 2, F and G Block, Addenbrooke's Hosp.,
 Cambridge CB2 2QQ, UK
 SO Clinical Science (London), (1993) Vol. 85, No. 2, pp. 169-173.
 CODEN: CSCIAE. ISSN: 0143-5221.
 DT Article
 LA English
 ED Entered STN: 22 Oct 1993
 Last Updated on STN: 22 Oct 1993

L2 ANSWER 178 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 35
 AN 1994:73204 BIOSIS
 DN PREV199497086204
 TI Functional domains of ***human*** ***endothelin***
 receptor
 AU Adachi, Miki; Hashido, Kento; Trzeciak, Arnold; Watanabe, Takahide;
 Furuichi, Yasuhiro; Miyamoto, Chikara
 CS Dep. Molecular Genetics, Nippon Roche Res. Center, Kamakura 247, Japan
 SO Journal of Cardiovascular Pharmacology, (1993) Vol. 22, No. SUPPL. 8, pp.
 S121-S124.
 CODEN: JCPCDT. ISSN: 0160-2446.
 DT Article
 LA English
 ED Entered STN: 22 Feb 1994
 Last Updated on STN: 22 Feb 1994

L2 ANSWER 179 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 94:14060 SCISEARCH
 GA The Genuine Article (R) Number: MN028
 TI THE LIGAND-RECEPTOR INTERACTIONS OF THE ENDOTHELIN SYSTEMS ARE MEDIATED BY
 DISTINCT MESSAGE AND ADDRESS DOMAINS
 AU SAKAMOTO A; YANAGISAWA M; SAKURAI T; NAKAO K; TOYOOKA T; YANO M; MASAKI T
 (Reprint)
 CS KYOTO UNIV, FAC MED, DEPT PHARMACOL, SAKYO KU, KYOTO 606, JAPAN (Reprint);
 KYOTO UNIV, FAC MED, DEPT PHARMACOL, SAKYO KU, KYOTO 606, JAPAN; KYOTO
 UNIV, FAC MED, DEPT MED, DIV 2, KYOTO 606, JAPAN; BANYU PHARMACEUT CO LTD,
 BIOCHEM CENT RES LAB, TOKYO, JAPAN; UNIV TOKYO, DEPT INTERNAL MED 2, TOKYO
 113, JAPAN
 CYA JAPAN
 SO JOURNAL OF CARDIOVASCULAR PHARMACOLOGY, (1993) Vol. 22, supp. 8, pp.
 S113-S116.
 ISSN: 0160-2446.
 DT Article; Journal
 FS LIFE; CLIN
 LA ENGLISH
 REC Reference Count: 10
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L2 ANSWER 180 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 36
 AN 1994:73208 BIOSIS

DN PREV199497086208
 TI ***Human*** ***endothelin*** ***receptors*** characterized
 using reverse transcriptase-polymerase chain reaction, in situ
 hybridization, and subtype-selective ligands BQ123 and BQ3020: Evidence
 for expression of ET-B receptors in human vascular smooth muscle.
 AU Davenport, Anthony P. [Reprint author]; O'Reilly, Gillian; Molenaar,
 Peter; Maguire, Janet J.; Kuc, Rhoda E.; Sharkey, Andrew; Bacon, Caragh
 R.; Ferro, Albert
 CS Clinical Pharmacology Unit, Box 110, Univ. Cambridge, Level 2, F and G
 Block, Addenbrooke's Hosp., Hills Road, Cambridge, CB2 2QQ, UK
 SO Journal of Cardiovascular Pharmacology, (1993) Vol. 22, No. SUPPL. 8, pp.
 S22-S25.
 CODEN: JCPCDT. ISSN: 0160-2446.
 DT Article
 LA English
 ED Entered STN: 22 Feb 1994
 Last Updated on STN: 23 Feb 1994

L2 ANSWER 181 OF 275 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
 AN 1993:24027882 BIOTECHNO
 TI ***Human*** ***endothelin*** ***receptors*** characterized
 using reverse transcriptase- polymerase chain reaction, in situ
 hybridization, and subtype-selective ligands BQ123 and BQ3020: Evidence
 for expression of ET(B) receptors in human vascular smooth muscle
 AU Davenport A.P.; O'Reilly G.; Molenaar P.; Maguire J.J.; Kuc R.E.; Sharkey
 A.; Bacon C.R.; Ferro A.
 CS Clinical Pharmacology Unit, University of Cambridge, Addenbrooke's
 Hospital, Hills Road, Cambridge CB2 2QQ, United Kingdom.
 SO Journal of Cardiovascular Pharmacology, (1993), 22/SUPPL. 8 (S22-S25)
 CODEN: JCPCDT ISSN: 0160-2446
 DT Journal; Conference Article
 CY United States
 LA English
 SL English

L2 ANSWER 182 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 37
 AN 1994:76139 BIOSIS
 DN PREV199497089139
 TI Binding characteristics of recombinant ***human*** ***endothelin***
 receptors ET-A and ET-B expressed in baby hamster kidney cells.
 AU Hechler, Ulrike [Reprint author]; Becker, Andreas; Haendler, Bernard
 [Reprint author]; Schleuning, Wolf-Dieter
 CS Inst. Cellular Molecular Biol., Schering AG, Postfach 650311, D-1000
 Berlin 65, Germany
 SO Journal of Cardiovascular Pharmacology, (1993) Vol. 22, No. SUPPL. 8, pp.
 S15-S17.
 CODEN: JCPCDT. ISSN: 0160-2446.
 DT Article
 LA English
 ED Entered STN: 22 Feb 1994
 Last Updated on STN: 22 Feb 1994

L2 ANSWER 183 OF 275 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
 AN 1993:24027880 BIOTECHNO
 TI Binding characteristics of recombinant ***human*** ***endothelin***
 receptors ET(A) and ET(B) expressed in baby hamster kidney cells
 AU Hechler U.; Becker A.; Haendler B.; Schleuning W.-D.
 CS Inst. of Cellular/Molecular Biology, Schering AG, Postfach 650311,D-1000
 Berlin 65, Germany.
 SO Journal of Cardiovascular Pharmacology, (1993), 22/SUPPL. 8 (S15-S17)
 CODEN: JCPCDT ISSN: 0160-2446
 DT Journal; Conference Article
 CY United States
 LA English
 SL English

L2 ANSWER 184 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 38
 AN 1994:76133 BIOSIS
 DN PREV199497089133
 TI Extracellular cysteine residues 174 and 255 are essential for active
 expression of ***human*** ***endothelin*** ***receptor*** in
 Escherichia-coli.
 AU Haendler, Bernard; Hechler, Ulrike; Becker, Andreas; Schleuning,
 Wolf-Dieter

CS Inst. Cellular Molecular Biol. Schering AG, Postfach 650311, D-1000 Berlin
65, Germany
SO Journal of Cardiovascular Pharmacology, (1993) Vol. 22, No. SUPPL. 8, pp.
S4-S6.
CODEN: JCPCDT. ISSN: 0160-2446.
DT Article
LA English
ED Entered STN: 22 Feb 1994
Last Updated on STN: 23 Feb 1994

L2 ANSWER 185 OF 275 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 1993:24027877 BIOTECHNO
TI Extracellular cysteine residues 174 and 255 are essential for active
expression of ***human*** ***endothelin*** ***receptor***
ET(B) in Escherichia coli
AU Haendler B.; Hechler U.; Becker A.; Schleuning W.-D.
CS Inst. of Cellular/Molecular Biology, Schering AG, Postfach 650311, D-1000
Berlin 65, Germany.
SO Journal of Cardiovascular Pharmacology, (1993), 22/SUPPL. 8 (S4-S6)
CODEN: JCPCDT ISSN: 0160-2446
DT Journal; Conference Article
CY United States
LA English
SL English

L2 ANSWER 186 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 39
AN 1994:75936 BIOSIS
DN PREV199497088936
TI Endothelin receptor B expression in the rat and rabbit lung as determined
by in situ hybridization using nonisotopic probes.
AU Durham, S. K. [Reprint author]; Goller, N. L.; Lynch, J. S.; Fisher, S.
M.; Rose, P. M.
CS Dep. Experimental Pathol., Bristol-Myers Squibb Pharmaceutical Res. Inst,
P.O. Box 4000, Princeton, NJ 08543, USA
SO Journal of Cardiovascular Pharmacology, (1993) Vol. 22, No. SUPPL. 8, pp.
S1-S3.
CODEN: JCPCDT. ISSN: 0160-2446.
DT Article
LA English
ED Entered STN: 22 Feb 1994
Last Updated on STN: 22 Feb 1994

L2 ANSWER 187 OF 275 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 1993:24027876 BIOTECHNO
TI Endothelin receptor B expression in the rat and rabbit lung as determined
by in situ hybridization using nonisotopic probes
AU Durham S.K.; Goller N.L.; Lynch J.S.; Fisher S.M.; Rose P.M.
CS Department of Experimental Pathology, B.-M. Squibb Pharmaceut. Res.
Inst., P.O. Box 4000, Princeton, NJ 08543, United States.
SO Journal of Cardiovascular Pharmacology, (1993), 22/SUPPL. 8 (S1-S3)
CODEN: JCPCDT ISSN: 0160-2446
DT Journal; Conference Article
CY United States
LA English
SL English

L2 ANSWER 188 OF 275 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
RESERVED. on STN
AN 1994-0439912 PASCAL
CP Copyright .COPYRG. 1994 INIST-CNRS. All rights reserved.
TIEN ***Human*** ***endothelin*** ***receptors*** characterized
using reverse transcriptase-polymerase chain reaction, in situ
hybridization, and subtype-selective ligands BQ123 and BQ3020 : evidence
for expression of ET.sub.B receptors in human vascular smooth muscle
AU DAVENPORT A. P.; O'REILLY G.; MOLENAAR P.; MAGUIRE J. J.; KUC R. E.;
SHARKEY A.; BACON C. R.; FERRO A./
VANE John (ed.); MASAKI Tomoh (ed.); VANHOUTTE Paul M. (ed.); BOTTING
Renia (ed.)
CS Univ. Cambridge, Addenbrooke's hosp., clin. pharmacology unit, Cambridge
CB2 2QQ, United Kingdom
St Bartholomew's hosp. medical coll., William Harvey res. inst., London,
United Kingdom
SO Journal of cardiovascular pharmacology, (1993), 22(SUP8), S22-S25, 12
refs.
Conference: 3 International conference on endothelin, Houston TX (United

States), 15 Feb 1993
ISSN: 0160-2446 CODEN: JCPCDT
DT Journal; Conference
BL Analytic
CY United States
LA English
AV INIST-18065, 354000024314440070

L2 ANSWER 189 OF 275 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
RESERVED. on STN
AN 1994-0439910 PASCAL
CP Copyright .COPYRGT. 1994 INIST-CNRS. All rights reserved.
TIEN Binding characteristics of recombinant ***human*** ***endothelin***
receptors ET.sub.A and ET.sub.B expressed in baby hamster kidney
cells
AU HECHLER U.; BECKER A.; HAENDLER B.; SCHLEUNING W.-D.
VANE John (ed.); MASAKI Tomoh (ed.); VANHOUTTE Paul M. (ed.); BOTTING
Renia (ed.)
CS Schering AG, Research Laboratories, 1000 Berlin, Germany, Federal
Republic of
St Bartholomew's hosp. medical coll., William Harvey res. inst., London,
United Kingdom
SO Journal of cardiovascular pharmacology, (1993), 22(SUP8), S15-S17, 15
refs.
Conference: 3 International conference on endothelin, Houston TX (United
States), 15 Feb 1993
ISSN: 0160-2446 CODEN: JCPCDT
DT Journal; Conference
BL Analytic
CY United States
LA English
AV INIST-18065, 354000024314440050

L2 ANSWER 190 OF 275 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
RESERVED. on STN
AN 1994-0439906 PASCAL
CP Copyright .COPYRGT. 1994 INIST-CNRS. All rights reserved.
TIEN Endothelin receptor B expression in the rat and rabbit lung as determined
by in situ hybridization using nonisotopic probes
AU DURHAM S. K.; GOLLER N. L.; LYNCH J. S.; FISHER S. M.; ROSE P. M.
VANE John (ed.); MASAKI Tomoh (ed.); VANHOUTTE Paul M. (ed.); BOTTING
Renia (ed.)
CS Bristol-Myers Squibb Pharmaceutical Research Institute, dep. exp.
pathology, Princeton NJ 08543, United States
St Bartholomew's hosp. medical coll., William Harvey res. inst., London,
United Kingdom
SO Journal of cardiovascular pharmacology, (1993), 22(SUP8), S1-S3, 16 refs.
Conference: 3 International conference on endothelin, Houston TX (United
States), 15 Feb 1993
ISSN: 0160-2446 CODEN: JCPCDT
DT Journal; Conference
BL Analytic
CY United States
LA English
AV INIST-18065, 354000024314440010

L2 ANSWER 191 OF 275 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
RESERVED. on STN
AN 1994-0439907 PASCAL
CP Copyright .COPYRGT. 1994 INIST-CNRS. All rights reserved.
TIEN Extracellular cysteine residues 174 and 255 are essential for active
expression of ***human*** ***endothelin*** ***receptor***
ET.sub.B in Escherichia coli
AU HAENDLER B.; HECHLER U.; BECKER A.; SCHLEUNING W.-D.
VANE John (ed.); MASAKI Tomoh (ed.); VANHOUTTE Paul M. (ed.); BOTTING
Renia (ed.)
CS Schering AG, Research Laboratories, 1000 Berlin, Germany, Federal
Republic of
St Bartholomew's hosp. medical coll., William Harvey res. inst., London,
United Kingdom
SO Journal of cardiovascular pharmacology, (1993), 22(SUP8), S4-S6, 12 refs.
Conference: 3 International conference on endothelin, Houston TX (United
States), 15 Feb 1993
ISSN: 0160-2446 CODEN: JCPCDT
DT Journal; Conference
BL Analytic

CY United States
LA English
AV INIST-18065, 354000024314440020

L2 ANSWER 192 OF 275 PHIN COPYRIGHT 2004 PJB on STN

AN 92:14950 PHIN
DN S00326634
DED 6 Nov 1992
TI Roche targets Japanese growth
SO Scrip (1992) No. 1768 p14
DT Newsletter
FS FULL

L2 ANSWER 193 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 40

AN 1993:248568 CAPLUS
DN 118:248568
TI Molecular cloning of ***human*** ***endothelin***
receptors and their expression in vascular endothelial cells and
smooth muscle cells
AU Arai, Hiroshi; Nakao, Kazuwa; Hosoda, Kiminori; Ogawa, Yoshihiro;
Nakagawa, Osamu; Komatsu, Yasato; Imura, Hiroo
CS Sch. Med., Kyoto Univ., Kyoto, Japan
SO Japanese Circulation Journal (1992), 56(Suppl. 5), 1303-7
CODEN: JCIRA2; ISSN: 0047-1828
DT Journal; General Review
LA Japanese

L2 ANSWER 194 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1992:228988 CAPLUS
DN 116:228988
TI Specific binding sites for 125I-endothelin-1 in the porcine and human
spinal cord
AU Niwa, Masami; Kawaguchi, Tsutomu; Himeno, Akihiko; Fujimoto, Meiko;
Kurihara, Masaki; Yamashita, Kimihiro; Kataoka, Yasufumi; Shigematsu,
Kazuto; Taniyama, Kohtaro
CS Sch. Med., Nagasaki Univ., Nagasaki, 852, Japan
SO European Journal of Pharmacology, Molecular Pharmacology section (1992),
225(4), 281-9
CODEN: EJPPET; ISSN: 0922-4106
DT Journal
LA English

L2 ANSWER 195 OF 275 JICST-EPlus COPYRIGHT 2004 JST on STN

AN 920256609 JICST-EPlus
TI Molecular Cloning of Two Subtypes of ***Human*** ***Endothelin***
Receptor
AU ARAI H; NAKAO K; HOSODA K; OGAWA Y; NAKAGAWA O; SUGA S; NAKANISHI S; IMURA
H
CS Kyoto Univ. School of Medicine
SO Ther Res, (1992) vol. 13, no. 1, pp. 273-279. Journal Code: Y0681A (Fig.
4, Tbl. 1, Ref. 13)
ISSN: 0289-8020
CY Japan
DT Journal; Article
LA English
STA New

L2 ANSWER 196 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 41

AN 1993:25244 BIOSIS
DN PREV199395013444
TI Cloning and expression of a ***human*** ***endothelin***
receptor : Subtype A.
AU Hayzer, David J.; Rose, Patricia M.; Lynch, Jean S.; Webb, Maria L.;
Kienzle, Bernadette K.; Liu, Edward C.-K.; Bogosian, Elizabeth A.;
Brinson, Eleanor; Runge, Marschall S. [Reprint author]
CS Div. Cardiology, Drawer LL, Emory Univ. Sch. Med., Atlanta, Ga. 30322, USA
SO American Journal of the Medical Sciences, (1992) Vol. 304, No. 4, pp.
231-238.
CODEN: AJMSA9. ISSN: 0002-9629.
DT Article
LA English
ED Entered STN: 23 Dec 1992
Last Updated on STN: 23 Dec 1992

L2 ANSWER 197 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1992:425966 BIOSIS
 DN PREV199243070116; BR43:70116
 TI PHARMACOLOGICAL PROPERTIES OF CLONED ***HUMAN*** ***ENDOTHELIN***
 RECEPTOR SUBTYPES.
 AU SAKAMOTO A [Reprint author]; YANAGISAWA M; SAKURAI T; NAKAO K; IMURA H;
 MASAKI T
 CS DEP PHARMACOLOGY, FACULTY MEDICINE, KYOTO UNIVERSITY, KYOTO 606, JPN
 SO Japanese Journal of Pharmacology, (1992) Vol. 59, No. SUPPL. 1, pp. 113P.
 Meeting Info.: 65TH ANNUAL MEETING OF THE JAPANESE PHARMACOLOGICAL
 SOCIETY, SENDAI, JAPAN, MARCH 22-25, 1992. JPN J PHARMACOL.
 CODEN: JJPAAZ. ISSN: 0021-5198.
 DT Conference; (Meeting)
 FS BR
 LA ENGLISH
 ED Entered STN: 14 Sep 1992
 Last Updated on STN: 14 Sep 1992

L2 ANSWER 198 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 42
 AN 1992:143952 CAPLUS
 DN 116:143952
 TI Endothelin receptors
 AU Arai, Hiroshi; Nakao, Kazuwa; Hosoda, Kiminori; Ogawa, Yoshihiro;
 Nakagawa, Osamu; Suga, Shinichi; Hori, Seiji; Aramori, Ichiro; Ohkubo,
 Hiroaki; et al.
 CS Fac. Med., Kyoto Univ., Kyoto, 606, Japan
 SO Saishin Igaku (1992), 47(1), 64-72
 CODEN: SAIGAK; ISSN: 0370-8241
 DT Journal; General Review
 LA Japanese

L2 ANSWER 199 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1993:184556 CAPLUS
 DN 118:184556
 TI Molecular cloning of human endothelin (ET) receptors ETA and ETB
 AU Haendler, Bernard; Hechler, Ulrike; Schleuning, Wolf Dieter
 CS Inst. Cell. Mol. Biol., Schering AG, Berlin, D-1000/65, Germany
 SO Journal of Cardiovascular Pharmacology (1992), 20(s12), s1-s4
 CODEN: JPCPDT; ISSN: 0160-2446
 DT Journal
 LA English

L2 ANSWER 200 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1992:402003 CAPLUS
 DN 117:2003
 TI Cloning and functional expression of human cDNA for the ETB endothelin
 receptor
 AU Sakamoto, Aiji; Yanagisawa, Masashi; Sakurai, Takeshi; Takuwa, Yoh;
 Yanagisawa, Hiromi; Masaki, Tomoh
 CS Inst. Basic Med. Sci., Univ. Tsukuba, Tsukuba, 305, Japan
 SO Biochemical and Biophysical Research Communications (1991), 178(2), 656-63
 CODEN: BBRCA9; ISSN: 0006-291X
 DT Journal
 LA English

L2 ANSWER 201 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1992:83452 BIOSIS
 DN PREV199242035727; BR42:35727
 TI EXPRESSION CLONING OF PORCINE AND ***HUMAN*** ***ENDOTHELIN***
 RECEPTOR
 AU ELSHOUBAGY N A [Reprint author]; LEE J; KORMAN D; NUTHULAGANTI P; DILELLA
 A G; SYLVESTER D R; SUTIPHONG J; KUMAR C
 CS SMITHKLINE BEECHAM, KING OF PRUSSIA, PA, USA
 SO Circulation, (1991) Vol. 84, No. 4 SUPPL, pp. II404.
 Meeting Info.: 64TH SCIENTIFIC SESSIONS OF THE AMERICAN HEART ASSOCIATION,
 ANAHEIM, CALIFORNIA, USA, NOVEMBER 11-14, 1991. CIRCULATION.
 CODEN: CIRCAZ. ISSN: 0009-7322.
 DT Conference; (Meeting)
 FS BR
 LA ENGLISH
 ED Entered STN: 4 Feb 1992
 Last Updated on STN: 4 Feb 1992

L2 ANSWER 202 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1992:38343 BIOSIS
 DN PREV199242014493; BR42:14493

TI CLONING AND CHARACTERIZATION OF TWO SUBTYPES OF ***HUMAN***
 ENDOTHELIN ***RECEPTOR***
 AU ARAI H [Reprint author]; NAKAO K; HOSODA K; OGAWA Y; NAKAGAWA O; SUGA S-I;
 SHIRAKAMI G; MUKOYAMA M; KOMATSU Y; ET AL
 CS 2ND DIV, DEP MED, KYOTO UNIV SCH MED, KYOTO 606, JPN
 SO Hypertension (Dallas), (1991) Vol. 18, No. 3, pp. 386.
 Meeting Info.: 45TH ANNUAL FALL CONFERENCE AND SCIENTIFIC SESSIONS OF THE
 COUNCIL FOR HIGH BLOOD PRESSURE RESEARCH, CHICAGO, ILLINOIS, USA,
 SEPTEMBER 24-27, 1991. HYPERTENSION (DALLAS).
 CODEN: HPRTDN. ISSN: 0194-911X.
 DT Conference; (Meeting)
 FS BR
 LA ENGLISH
 ED Entered STN: 7 Jan 1992
 Last Updated on STN: 7 Jan 1992

L2 ANSWER 203 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 91:523759 SCISEARCH
 GA The Genuine Article (R) Number: GF111
 TI CLONING AND CHARACTERIZATION OF 2 SUBTYPES OF ***HUMAN***
 ENDOTHELIN ***RECEPTOR***
 AU ARAI H (Reprint); NAKAO K; HOSODA K; OGAWA Y; NAKAGAWA O; SUGA S;
 SHIRAKAMI G; MUKOYAMA M; KOMATSU Y; KISHIMOTO I; HAMA N; NAKANISHI S;
 IMURA H
 CS KYOTO UNIV, SCH MED, DEPT MED, DIV 2, KYOTO 606, JAPAN
 CYA JAPAN
 SO HYPERTENSION, (1991) Vol. 18, No. 3, pp. 386.
 DT Conference; Journal
 FS LIFE
 LA ENGLISH
 REC No References

L2 ANSWER 204 OF 275 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
 DUPLICATE
 AN 1991:23038863 BIOTECHNO
 TI Molecular cloning of two subtypes of ***human*** ***endothelin***
 receptor
 AU Nakao K.; Arai H.; Hosoda K.; Ogawa Y.; Nakagawa O.; Suga S.-I.;
 Nakanishi S.; Imura H.
 CS Second Division, Department of Medicine, Kyoto University School of
 Medicine, Kyoto 606, Japan.
 SO Journal of Vascular Medicine and Biology, (1991), 3/4 (303-307)
 CODEN: JVBIE0 ISSN: 1042-5268
 DT Journal; Conference Article
 CY United States
 LA English
 SL English

L2 ANSWER 205 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 DUPLICATE 44
 AN 1991:387019 BIOSIS
 DN PREV199192064334; BA92:64334
 TI MOLECULAR CLONING OF A NON-ISOPEPTIDE-SELECTIVE ***HUMAN***
 ENDOTHELIN ***RECEPTOR***
 AU OGAWA Y [Reprint author]; NAKAO K; ARAI H; NAKAGAWA O; HOSODA K; SUGA S-I;
 NAKANISHI S; IMURA H
 CS SECOND DIV, DEP MED, KYOTO UNIV SCH MED, KYOTO 606, JPN
 SO Biochemical and Biophysical Research Communications, (1991) Vol. 178, No.
 1, pp. 248-255.
 CODEN: BBRCA9. ISSN: 0006-291X.
 DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 27 Aug 1991
 Last Updated on STN: 27 Aug 1991

L2 ANSWER 206 OF 275 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 91:405460 SCISEARCH
 GA The Genuine Article (R) Number: FW340
 TI MOLECULAR-CLONING OF A NON-ISOPEPTIDE-SELECTIVE ***HUMAN***
 ENDOTHELIN ***RECEPTOR***
 AU OGAWA Y; NAKAO K (Reprint); ARAI H; NAKAGAWA O; HOSODA K; SUGA S;
 NAKANISHI S; IMURA H
 CS KYOTO UNIV, SCH MED, DEPT MED, DIV 2, KYOTO 606, JAPAN; KYOTO UNIV, SCH
 MED, INST IMMUNOL, KYOTO 606, JAPAN
 CYA JAPAN

SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, (1991) Vol. 178, No. 1, pp. 248-255.
DT Article; Journal
FS LIFE
LA ENGLISH
REC Reference Count: 15

L2 ANSWER 207 OF 275 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
DUPLICATE 45
AN 1992:72143 BIOSIS
DN PREV199293040598; BA93:40598
TI CLONING AND CHROMOSOMAL LOCALIZATION OF A HUMAN ENDOTHELIN ETA RECEPTOR.
AU CYR C [Reprint author]; HUEBNER K; DRUCK T; KRIS R
CS DEP PHARMACOLOGY, NEW YORK UNIVERSITY MEDICAL CENTER, 550 FIRST AVENUE,
NEW YORK, NY 10016, USA
SO Biochemical and Biophysical Research Communications, (1991) Vol. 181, No. 1, pp. 184-190.
CODEN: BBRCA9. ISSN: 0006-291X.
DT Article
FS BA
LA ENGLISH
ED Entered STN: 2 Feb 1992
Last Updated on STN: 2 Feb 1992

L2 ANSWER 208 OF 275 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1992:122267 CAPLUS
DN 116:122267
TI Cloning and sequence analysis of a cDNA encoding human non-selective type
of endothelin receptor
AU Nakamuta, Makoto; Takayanagi, Ryoichi; Sakai, Yoshiyuki; Sakamoto,
Shigeru; Hagiwara, Hiromi; Mizuno, Takeshi; Saito, Yasuyoshi; Hirose,
Shigehisa; Yamamoto, Mikio; Nawata, Hajime
CS Fac. Med., Kyushu Univ., Fukuoka, 812, Japan
SO Biochemical and Biophysical Research Communications (1991), 177(1), 34-9
CODEN: BBRCA9; ISSN: 0006-291X
DT Journal
LA English

L2 ANSWER 209 OF 275 BIOCOMMERCE COPYRIGHT 2004 BioCommerce Data Ltd. on
STN
AN 0112471 BIOCOMMERCE FS Abstract
CO Merck & Co Inc (15), USA
SO BioWorld Today, 16 MAY 1994, vol. 595, Page(s) 6.
Biotechnology Newswatch, 04 JUL 1994, Page(s) 6.
TC (Company information)

L2 ANSWER 210 OF 275 BIOCOMMERCE COPYRIGHT 2004 BioCommerce Data Ltd. on
STN
AN 0093576 BIOCOMMERCE FS Abstract
CO Shionogi & Co Ltd (27), Japan
SO BioWorld Today, 08 FEB 1993, vol. 426, Page(s) 4.
Biotechnology Newswatch, 05 APR 1993, Page(s) 8.
TC (Company information)

L2 ANSWER 211 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABR58526 Protein DGENE
TI New genes that are up-regulated or down-regulated in cancers, useful as
markers for diagnosing e.g. cancer, ischemia or heart diseases, or as
therapeutic targets for screening drugs for treating these diseases -
IN Afar D; Aziz N; Gish K C; Hevezi P A; Mack D H; Wilson K E; Zlotnik A
PA (EOSB-N) EOS BIOTECHNOLOGY INC.
PI WO 2003025138 A2 20030327 767p
AI WO 2002-US29560 20020917
PRAI US 2001-323469P 20010917
US 2001-323887P 20010920
US 2001-350666P 20011113
US 2002-355145P 20020208
US 2002-355257P 20020208
US 2002-372246P 20020412
DT Patent
LA English
OS 2003-354600 [33]
CR N-PSDB: ACC72646
DESC ***Human*** ***endothelin*** ***receptor*** type B protein.

L2 ANSWER 212 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ABB83845 peptide DGENE
 TI New ***human*** ***endothelin*** ***receptor*** B similar
 protein 23.65 and encoding polynucleotide, useful for treating G protein
 coupled receptor malformation disease -
 IN Mao Y; Xie Y
 PA (BODE-N) BODE GENE DEV CO LTD SHANGHAI.
 PI CN 1339466 A 20020313 38p
 AI CN 2000-119652 20000821
 PRAI CN 2000-119652 20000821
 DT Patent
 LA Chinese
 OS 2002-464053 [50]
 DESC ***Human*** ***endothelin*** ***receptor*** B like protein
 23.65 peptide SEQ ID NO 7.

L2 ANSWER 213 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABB83844 Protein DGENE
 TI New ***human*** ***endothelin*** ***receptor*** B similar
 protein 23.65 and encoding polynucleotide, useful for treating G protein
 coupled receptor malformation disease -
 IN Mao Y; Xie Y
 PA (BODE-N) BODE GENE DEV CO LTD SHANGHAI.
 PI CN 1339466 A 20020313 38p
 AI CN 2000-119652 20000821
 PRAI CN 2000-119652 20000821
 DT Patent
 LA Chinese
 OS 2002-464053 [50]
 CR N-PSDB: ABN85697
 DESC ***Human*** ***endothelin*** ***receptor*** B like protein
 23.65 SEQ ID NO 2.

L2 ANSWER 214 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAR72849 peptide DGENE
 TI Endothelin activity inhibitor - useful as remedy for endothelin related
 disease and for detection of endothelin
 IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
 PA (KURB) KURASHIKI BOSEKI KK.
 PI WO 9509643 A1 19950413 32p
 AI WO 1994-JP1658 19941004
 PRAI JP 1993-251445 19931007
 DT Patent
 LA Japanese
 OS 1995-155056 [20]
 DESC Endothelin inhibiting peptide C17.

L2 ANSWER 215 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAR72848 peptide DGENE
 TI Endothelin activity inhibitor - useful as remedy for endothelin related
 disease and for detection of endothelin
 IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
 PA (KURB) KURASHIKI BOSEKI KK.
 PI WO 9509643 A1 19950413 32p
 AI WO 1994-JP1658 19941004
 PRAI JP 1993-251445 19931007
 DT Patent
 LA Japanese
 OS 1995-155056 [20]
 DESC Endothelin inhibiting peptide C16.

L2 ANSWER 216 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAR72847 peptide DGENE
 TI Endothelin activity inhibitor - useful as remedy for endothelin related
 disease and for detection of endothelin
 IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
 PA (KURB) KURASHIKI BOSEKI KK.
 PI WO 9509643 A1 19950413 32p
 AI WO 1994-JP1658 19941004
 PRAI JP 1993-251445 19931007
 DT Patent
 LA Japanese
 OS 1995-155056 [20]
 DESC Endothelin inhibiting peptide C15.

L2 ANSWER 217 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAR72846 peptide DGENE

TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004
PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide C14.

L2 ANSWER 218 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAR72845 peptide DGENE
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004
PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide C13.

L2 ANSWER 219 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAR72844 peptide DGENE
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004
PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide C12.

L2 ANSWER 220 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAR72843 peptide DGENE
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004
PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide C11.

L2 ANSWER 221 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAR82457 peptide DGENE
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004
PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide C6.

L2 ANSWER 222 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAR72842 peptide DGENE
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004

PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide C5.

L2 ANSWER 223 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAR72841 peptide DGENE
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004
PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide C4.

L2 ANSWER 224 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAR72840 peptide DGENE
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004
PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide C3.

L2 ANSWER 225 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAR72839 peptide DGENE
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004
PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide C2.

L2 ANSWER 226 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAR72838 peptide DGENE
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004
PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide C1.

L2 ANSWER 227 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAR72851 peptide DGENE
TI Endothelin activity inhibitor - useful as remedy for endothelin related
disease and for detection of endothelin
IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
PA (KURB) KURASHIKI BOSEKI KK.
PI WO 9509643 A1 19950413 32p
AI WO 1994-JP1658 19941004
PRAI JP 1993-251445 19931007
DT Patent
LA Japanese
OS 1995-155056 [20]
DESC Endothelin inhibiting peptide.

L2 ANSWER 228 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAR72850 peptide DGENE
 TI Endothelin activity inhibitor - useful as remedy for endothelin related
 disease and for detection of endothelin
 IN Baranyi L; Kawamura S; Nishino T; Ohshima K; Okada H; Yamamoto R
 PA (KURB) KURASHIKI BOSEKI KK.
 PI WO 9509643 A1 19950413 32p
 AI WO 1994-JP1658 19941004
 PRAI JP 1993-251445 19931007
 DT Patent
 LA Japanese
 OS 1995-155056 [20]
 DESC Endothelin inhibiting peptide C18.

L2 ANSWER 229 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAR53078 Protein DGENE
 TI Transformed chinese hamster ovary cells - expressing ***human***
 endothelin ***receptor*** subtypes A and B
 IN Alves K; Chan C P; Hollis G F; Jones K; Tung J; Williams D L
 PA (MERI) MERCK & CO INC.
 PI WO 9409116 A1 19940428 17p
 AI WO 1993-US9882 19931014
 PRAI US 1992-961555 19921015
 US 1992-961568 19921015
 DT Patent
 LA English
 OS 1994-151302 [18]
 CR N-PSDB: AAQ63209
 DESC ***Human*** ***endothelin*** ***receptor*** subtype A (ETA).

L2 ANSWER 230 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABZ97244 DNA DGENE
 TI Pharmaceutical composition for treating ailments associated with impaired
 respiration, has oligo(s) antisense to specific gene(s) or its
 corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
 ubiquinone -
 IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S;
 Tang L; Shahabuddin S
 PA (EPIG-N) EPIGENESIS PHARM INC.
 PI WO 2002085308 A2 20021031 872p
 AI WO 2002-US13135 20020423
 PRAI US 2001-286137P 20010424
 DT Patent
 LA English
 OS 2003-229219 [22]
 DESC ***Human*** ***endothelin*** ***receptor*** A nucleic acid.

L2 ANSWER 231 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABZ97141 DNA DGENE
 TI Pharmaceutical composition for treating ailments associated with impaired
 respiration, has oligo(s) antisense to specific gene(s) or its
 corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
 ubiquinone -
 IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S;
 Tang L; Shahabuddin S
 PA (EPIG-N) EPIGENESIS PHARM INC.
 PI WO 2002085308 A2 20021031 872p
 AI WO 2002-US13135 20020423
 PRAI US 2001-286137P 20010424
 DT Patent
 LA English
 OS 2003-229219 [22]
 DESC ***Human*** ***endothelin*** ***receptor*** A nucleic acid.

L2 ANSWER 232 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABZ96609 DNA DGENE
 TI Pharmaceutical composition for treating ailments associated with impaired
 respiration, has oligo(s) antisense to specific gene(s) or its
 corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or
 ubiquinone -
 IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S;
 Tang L; Shahabuddin S
 PA (EPIG-N) EPIGENESIS PHARM INC.
 PI WO 2002085308 A2 20021031 872p
 AI WO 2002-US13135 20020423
 PRAI US 2001-286137P 20010424

DT Patent
LA English
OS 2003-229219 [22]
DESC ***Human*** ***endothelin*** ***receptor*** A nucleic acid.

L2 ANSWER 233 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABZ96597 DNA DGENE
TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -
IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S
PA (EPIG-N) EPIGENESIS PHARM INC.
PI WO 2002085308 A2 20021031 872p
AI WO 2002-US13135 20020423
PRAI US 2001-286137P 20010424
DT Patent
LA English
OS 2003-229219 [22]
DESC ***Human*** ***endothelin*** ***receptor*** A nucleic acid.

L2 ANSWER 234 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABZ96012 DNA DGENE
TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -
IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S
PA (EPIG-N) EPIGENESIS PHARM INC.
PI WO 2002085308 A2 20021031 872p
AI WO 2002-US13135 20020423
PRAI US 2001-286137P 20010424
DT Patent
LA English
OS 2003-229219 [22]
DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1872.

L2 ANSWER 235 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABZ96011 DNA DGENE
TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -
IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S
PA (EPIG-N) EPIGENESIS PHARM INC.
PI WO 2002085308 A2 20021031 872p
AI WO 2002-US13135 20020423
PRAI US 2001-286137P 20010424
DT Patent
LA English
OS 2003-229219 [22]
DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1871.

L2 ANSWER 236 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABZ96010 DNA DGENE
TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -
IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S
PA (EPIG-N) EPIGENESIS PHARM INC.
PI WO 2002085308 A2 20021031 872p
AI WO 2002-US13135 20020423
PRAI US 2001-286137P 20010424
DT Patent
LA English
OS 2003-229219 [22]
DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1870.

L2 ANSWER 237 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABZ96009 DNA DGENE
 TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -
 IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S
 PA (EPIG-N) EPIGENESIS PHARM INC.
 PI WO 2002085308 A2 20021031 872p
 AI WO 2002-US13135 20020423
 PRAI US 2001-286137P 20010424
 DT Patent
 LA English
 OS 2003-229219 [22]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1869.

L2 ANSWER 238 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABZ96008 DNA DGENE
 TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -
 IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S
 PA (EPIG-N) EPIGENESIS PHARM INC.
 PI WO 2002085308 A2 20021031 872p
 AI WO 2002-US13135 20020423
 PRAI US 2001-286137P 20010424
 DT Patent
 LA English
 OS 2003-229219 [22]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1868.

L2 ANSWER 239 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABZ96007 DNA DGENE
 TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -
 IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S
 PA (EPIG-N) EPIGENESIS PHARM INC.
 PI WO 2002085308 A2 20021031 872p
 AI WO 2002-US13135 20020423
 PRAI US 2001-286137P 20010424
 DT Patent
 LA English
 OS 2003-229219 [22]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1867.

L2 ANSWER 240 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABZ95474 DNA DGENE
 TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -
 IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S
 PA (EPIG-N) EPIGENESIS PHARM INC.
 PI WO 2002085308 A2 20021031 872p
 AI WO 2002-US13135 20020423
 PRAI US 2001-286137P 20010424
 DT Patent
 LA English
 OS 2003-229219 [22]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1338.

L2 ANSWER 241 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABZ95473 DNA DGENE
 TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its

corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -

IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S

PA (EPIG-N) EPIGENESIS PHARM INC.

PI WO 2002085308 A2 20021031 872p

AI WO 2002-US13135 20020423

PRAI US 2001-286137P 20010424

DT Patent

LA English

OS 2003-229219 [22]

DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1337.

L2 ANSWER 242 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ABZ95472 DNA DGENE

TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -

IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S

PA (EPIG-N) EPIGENESIS PHARM INC.

PI WO 2002085308 A2 20021031 872p

AI WO 2002-US13135 20020423

PRAI US 2001-286137P 20010424

DT Patent

LA English

OS 2003-229219 [22]

DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1336.

L2 ANSWER 243 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ABZ95471 DNA DGENE

TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -

IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S

PA (EPIG-N) EPIGENESIS PHARM INC.

PI WO 2002085308 A2 20021031 872p

AI WO 2002-US13135 20020423

PRAI US 2001-286137P 20010424

DT Patent

LA English

OS 2003-229219 [22]

DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1335.

L2 ANSWER 244 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ABZ95470 DNA DGENE

TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -

IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S

PA (EPIG-N) EPIGENESIS PHARM INC.

PI WO 2002085308 A2 20021031 872p

AI WO 2002-US13135 20020423

PRAI US 2001-286137P 20010424

DT Patent

LA English

OS 2003-229219 [22]

DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense fragment no.1334.

L2 ANSWER 245 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN ABZ95469 DNA DGENE

TI Pharmaceutical composition for treating ailments associated with impaired respiration, has oligo(s) antisense to specific gene(s) or its corresponding RNAs, and glucocorticoid or non-glucocorticoid steroid or ubiquinone -

IN Nyce J W; Li Y; Sandrasagra A; Katz E; Pabalan J; Aguilar D; Miller S; Tang L; Shahabuddin S

PA (EPIG-N) EPIGENESIS PHARM INC.
 PI WO 2002085308 A2 20021031 872p
 AI WO 2002-US13135 20020423
 PRAI US 2001-286137P 20010424
 DT Patent
 LA English
 OS 2003-229219 [22]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense
 fragment no.1333.

L2 ANSWER 246 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ACC72646 cDNA DGENE
 TI New genes that are up-regulated or down-regulated in cancers, useful as
 markers for diagnosing e.g. cancer, ischemia or heart diseases, or as
 therapeutic targets for screening drugs for treating these diseases -
 IN Afar D; Aziz N; Gish K C; Hevezi P A; Mack D H; Wilson K E; Zlotnik A
 PA (EOSB-N) EOS BIOTECHNOLOGY INC.
 PI WO 2003025138 A2 20030327 767p
 AI WO 2002-US29560 20020917
 PRAI US 2001-323469P 20010917
 US 2001-323887P 20010920
 US 2001-350666P 20011113
 US 2002-355145P 20020208
 US 2002-355257P 20020208
 US 2002-372246P 20020412
 DT Patent
 LA English
 OS 2003-354600 [33]
 CR P-PSDB: ABR58526
 DESC ***Human*** ***endothelin*** ***receptor*** type B encoding
 cDNA.

L2 ANSWER 247 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABN85703 DNA DGENE
 TI New ***human*** ***endothelin*** ***receptor*** B similar
 protein 23.65 and encoding polynucleotide, useful for treating G protein
 coupled receptor malformation disease -
 IN Mao Y; Xie Y
 PA (BODE-N) BODE GENE DEV CO LTD SHANGHAI.
 PI CN 1339466 A 20020313 38p
 AI CN 2000-119652 20000821
 PRAI CN 2000-119652 20000821
 DT Patent
 LA Chinese
 OS 2002-464053 [50]
 DESC ***Human*** ***endothelin*** ***receptor*** B like protein
 23.65 probe SEQ ID NO 9.

L2 ANSWER 248 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABN85702 DNA DGENE
 TI New ***human*** ***endothelin*** ***receptor*** B similar
 protein 23.65 and encoding polynucleotide, useful for treating G protein
 coupled receptor malformation disease -
 IN Mao Y; Xie Y
 PA (BODE-N) BODE GENE DEV CO LTD SHANGHAI.
 PI CN 1339466 A 20020313 38p
 AI CN 2000-119652 20000821
 PRAI CN 2000-119652 20000821
 DT Patent
 LA Chinese
 OS 2002-464053 [50]
 DESC ***Human*** ***endothelin*** ***receptor*** B like protein
 23.65 probe SEQ ID NO 8.

L2 ANSWER 249 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABN85701 DNA DGENE
 TI New ***human*** ***endothelin*** ***receptor*** B similar
 protein 23.65 and encoding polynucleotide, useful for treating G protein
 coupled receptor malformation disease -
 IN Mao Y; Xie Y
 PA (BODE-N) BODE GENE DEV CO LTD SHANGHAI.
 PI CN 1339466 A 20020313 38p
 AI CN 2000-119652 20000821
 PRAI CN 2000-119652 20000821
 DT Patent
 LA Chinese

OS 2002-464053 [50]
DESC ***Human*** ***endothelin*** ***receptor*** B like protein
23.65 PCR primer SEQ ID NO 6.

L2 ANSWER 250 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABN85700 DNA DGENE
TI New ***human*** ***endothelin*** ***receptor*** B similar
protein 23.65 and encoding polynucleotide, useful for treating G protein
coupled receptor malformation disease -

IN Mao Y; Xie Y
PA (BODE-N) BODE GENE DEV CO LTD SHANGHAI.
PI CN 1339466 A 20020313 38p
AI CN 2000-119652 20000821
PRAI CN 2000-119652 20000821

DT Patent

LA Chinese

OS 2002-464053 [50]
DESC ***Human*** ***endothelin*** ***receptor*** B like protein
23.65 PCR primer SEQ ID NO 5.

L2 ANSWER 251 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABN85699 DNA DGENE
TI New ***human*** ***endothelin*** ***receptor*** B similar
protein 23.65 and encoding polynucleotide, useful for treating G protein
coupled receptor malformation disease -

IN Mao Y; Xie Y
PA (BODE-N) BODE GENE DEV CO LTD SHANGHAI.
PI CN 1339466 A 20020313 38p
AI CN 2000-119652 20000821
PRAI CN 2000-119652 20000821

DT Patent

LA Chinese

OS 2002-464053 [50]
DESC ***Human*** ***endothelin*** ***receptor*** B like protein
23.65 PCR primer SEQ ID NO 4.

L2 ANSWER 252 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABN85698 DNA DGENE
TI New ***human*** ***endothelin*** ***receptor*** B similar
protein 23.65 and encoding polynucleotide, useful for treating G protein
coupled receptor malformation disease -

IN Mao Y; Xie Y
PA (BODE-N) BODE GENE DEV CO LTD SHANGHAI.
PI CN 1339466 A 20020313 38p
AI CN 2000-119652 20000821
PRAI CN 2000-119652 20000821

DT Patent

LA Chinese

OS 2002-464053 [50]
DESC ***Human*** ***endothelin*** ***receptor*** B like protein
23.65 PCR primer SEQ ID NO 3.

L2 ANSWER 253 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABN85697 cDNA DGENE
TI New ***human*** ***endothelin*** ***receptor*** B similar
protein 23.65 and encoding polynucleotide, useful for treating G protein
coupled receptor malformation disease -

IN Mao Y; Xie Y
PA (BODE-N) BODE GENE DEV CO LTD SHANGHAI.
PI CN 1339466 A 20020313 38p
AI CN 2000-119652 20000821
PRAI CN 2000-119652 20000821

DT Patent

LA Chinese

OS 2002-464053 [50]
CR P-PSDB: ABB83844
DESC ***Human*** ***endothelin*** ***receptor*** B like protein
23.65 encoding cDNA SEQ ID NO 1.

L2 ANSWER 254 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAA38341 DNA DGENE
TI Assessing cardiovascular status in humans involves comparing test
polymorphic pattern comprising polymorphic positions within genes
encoding specific proteins, with reference polymorphic pattern -
IN Norberg L T; Andersson M K; Lindstrom P H R; Jonsson L
PA (EURO-N) EURONA MEDICAL AB.

PI WO 2000022166 A2 20000420 126p
 AI WO 1999-IB1678 19991013
 PRAI US 1998-104286 19981014
 US 1998-104302 19981014
 DT Patent
 LA English
 OS 2000-318010 [27]
 DESC ***Human*** ***endothelin*** ***receptor*** type A gene
 coding region.

L2 ANSWER 255 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAF21447 DNA DGENE
 TI Low adenosine (A) content antisense oligonucleotides which do not trigger
 adenosine receptors during metabolism, useful e.g. for treating cancers
 and respiratory obstructions -
 IN Nyce J W
 PA (UYEC-N) UNIV EAST CAROLINA.
 (NYCE-I) NYCE J W.
 PI WO 2000062736 A2 20001026 999p
 AI WO 2000-US8020 20000324
 PRAI US 1999-127958 19990406
 DT Patent
 LA English
 OS 2000-679539 [66]
 DESC ***Human*** ***endothelin*** ***receptor*** A polynucleotide
 fragment #3014.

L2 ANSWER 256 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAF20915 DNA DGENE
 TI Low adenosine (A) content antisense oligonucleotides which do not trigger
 adenosine receptors during metabolism, useful e.g. for treating cancers
 and respiratory obstructions -
 IN Nyce J W
 PA (UYEC-N) UNIV EAST CAROLINA.
 (NYCE-I) NYCE J W.
 PI WO 2000062736 A2 20001026 999p
 AI WO 2000-US8020 20000324
 PRAI US 1999-127958 19990406
 DT Patent
 LA English
 OS 2000-679539 [66]
 DESC ***Human*** ***endothelin*** ***receptor*** A polynucleotide
 fragment #2482.

L2 ANSWER 257 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAF20902 DNA DGENE
 TI Low adenosine (A) content antisense oligonucleotides which do not trigger
 adenosine receptors during metabolism, useful e.g. for treating cancers
 and respiratory obstructions -
 IN Nyce J W
 PA (UYEC-N) UNIV EAST CAROLINA.
 (NYCE-I) NYCE J W.
 PI WO 2000062736 A2 20001026 999p
 AI WO 2000-US8020 20000324
 PRAI US 1999-127958 19990406
 DT Patent
 LA English
 OS 2000-679539 [66]
 DESC ***Human*** ***endothelin*** ***receptor*** A polynucleotide
 fragment #2469.

L2 ANSWER 258 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAT76417 DNA DGENE
 TI Treatment of airway diseases such as asthma - by topically applying
 adenosine-free antisense oligo:nucleotide to airway epithelium of subject
 Metzger W J; Nyce J W
 IN (UYEC-N) UNIV EAST CAROLINA.
 PA (NYCE-I) NYCE J W.
 PI WO 9640162 A1 19961219 71p
 AI WO 1996-US9306 19960606
 PRAI US 1995-474497 19950607
 DT Patent
 LA English
 OS 1997-051871 [05]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense
 oligonucleotide.

L2 ANSWER 259 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAT76416 DNA DGENE
 TI Treatment of airway diseases such as asthma - by topically applying
 adenosine-free antisense oligo:nucleotide to airway epithelium of subject
 IN Metzger W J; Nyce J W
 PA (UYEC-N) UNIV EAST CAROLINA.
 PI WO 9640162 A1 19961219 71p
 AI WO 1996-US9306 19960606
 PRAI US 1995-474497 19950607
 DT Patent
 LA English
 OS 1997-051871 [05]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense
 oligonucleotide.

L2 ANSWER 260 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAT76422 DNA DGENE
 TI Treatment of airway diseases such as asthma - by topically applying
 adenosine-free antisense oligo:nucleotide to airway epithelium of subject
 IN Metzger W J; Nyce J W
 PA (UYEC-N) UNIV EAST CAROLINA.
 PI WO 9640162 A1 19961219 71p
 AI WO 1996-US9306 19960606
 PRAI US 1995-474497 19950607
 DT Patent
 LA English
 OS 1997-051871 [05]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense
 oligonucleotide.

L2 ANSWER 261 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAT76421 DNA DGENE
 TI Treatment of airway diseases such as asthma - by topically applying
 adenosine-free antisense oligo:nucleotide to airway epithelium of subject
 IN Metzger W J; Nyce J W
 PA (UYEC-N) UNIV EAST CAROLINA.
 PI WO 9640162 A1 19961219 71p
 AI WO 1996-US9306 19960606
 PRAI US 1995-474497 19950607
 DT Patent
 LA English
 OS 1997-051871 [05]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense
 oligonucleotide.

L2 ANSWER 262 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAT76420 DNA DGENE
 TI Treatment of airway diseases such as asthma - by topically applying
 adenosine-free antisense oligo:nucleotide to airway epithelium of subject
 IN Metzger W J; Nyce J W
 PA (UYEC-N) UNIV EAST CAROLINA.
 PI WO 9640162 A1 19961219 71p
 AI WO 1996-US9306 19960606
 PRAI US 1995-474497 19950607
 DT Patent
 LA English
 OS 1997-051871 [05]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense
 oligonucleotide.

L2 ANSWER 263 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAT76419 DNA DGENE
 TI Treatment of airway diseases such as asthma - by topically applying
 adenosine-free antisense oligo:nucleotide to airway epithelium of subject
 IN Metzger W J; Nyce J W
 PA (UYEC-N) UNIV EAST CAROLINA.
 PI WO 9640162 A1 19961219 71p
 AI WO 1996-US9306 19960606
 PRAI US 1995-474497 19950607
 DT Patent
 LA English
 OS 1997-051871 [05]
 DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense
 oligonucleotide.

L2 ANSWER 264 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAT76418 DNA DGENE
TI Treatment of airway diseases such as asthma - by topically applying
adenosine-free antisense oligo:nucleotide to airway epithelium of subject
IN Metzger W J; Nyce J W
PA (UYEC-N) UNIV EAST CAROLINA.
PI WO 9640162 A1 19961219 71p
AI WO 1996-US9306 19960606
PRAI US 1995-474497 19950607
DT Patent
LA English
OS 1997-051871 [05]
DESC ***Human*** ***endothelin*** ***receptor*** ET-B antisense
oligonucleotide.

L2 ANSWER 265 OF 275 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAQ63209 DNA DGENE
TI Transformed chinese hamster ovary cells - expressing ***human***
endothelin ***receptor*** subtypes A and B
IN Alves K; Chan C P; Hollis G F; Jones K; Tung J; Williams D L
PA (MERI) MERCK & CO INC.
PI WO 9409116 A1 19940428 17p
AI WO 1993-US9882 19931014
PRAI US 1992-961555 19921015
US 1992-961568 19921015
DT Patent
LA English
OS 1994-151302 [18]
CR P-PSDB: AAR53078
DESC ***Human*** ***endothelin*** ***receptor*** subtype A (ETA)
coding sequence.

L2 ANSWER 266 OF 275 IMSRESEARCH COPYRIGHT 2004 IMSWORLD on STN

ACCESSION NUMBER: 95:1117 IMSRESEARCH
SOURCE: R&D Focus, (28 Aug 2000)
LABORATORY NAME: PD 159433
CHEMICAL NAME: 1-(1,3-benzodioxol-5-ylmethyl)-5,6-dimethoxy-3-[(3,4,5-
trimethoxyphenyl)thio]-1H-indole-2-carboxylic acid
CAS REGISTRY NO.: 175339-82-9
STRUCTURE:

/ Structure 1 in file .gra /

CLASSIFICATION: C6A Other Cardiovascular Products; N7X All other CNS
Drugs
HIGHEST DEV. PHASE: Preclinical (20)

COMPANY INFORMATION:

Type	Company	Nationality
Originator	Pfizer	United States
Assignee	Warner Lambert	

L2 ANSWER 267 OF 275 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AR177880 GenBank (R)
GenBank ACC. NO. (GBN): AR177880
GenBank VERSION (VER): AR177880.1 GI:17920235
CAS REGISTRY NO. (RN): 383226-01-5
SEQUENCE LENGTH (SQL): 4301
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 17 Dec 2001
DEFINITION (DEF): Sequence 3 from patent US 6313276.
SOURCE: Unknown.
ORGANISM (ORGN): Unknown.
Unclassified
NUCLEIC ACID COUNT (NA): 1342 a 828 c 817 g 1314 t
REFERENCE: 1 (bases 1 to 4301)
AUTHOR (AU): Imura, H.; Nakao, K.; Nakanishi, S.
TITLE (TI): ***Human*** ***endothelin*** ***receptor***

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..4301	/organism="unknown"

SEQUENCE (SEQ):

```

1 gagacattcc ggtgggggac tctggccagc ccgagcaacg tggatcctga gagcactccc
61 aggtaggcat ttgccccggt gggacgcctt gccagagcag tgtgtggcag gcccccgtag
121 aggatcaaca cagtggctga acactgggaa ggaactggta cttggagtct ggacatctga
181 aacttggtc tgaaactgcg gagcggccac cggacgcctt ctggagcagg tagcagcatg
241 cagccgcctc caagtctgtg cggacgcgcc ctggttgccg tggttcttgc ctgcggcctg
301 tcgcggatct ggggagagga gagaggcttc ccgcctgaca gggccactcc gcttttgcaa
361 accgcagaga taatgacgcc acccactaag accttatggc ccaagggttc caacgccagt
421 ctggcgcggt cgttggcacc tgcggaggtg cctaaaggag acaggacggc aggatctccg
481 ccacgcacca tctccctccc cccgtgccaa ggaccatcag agatcaagga gactttcaaa
541 tacatcaaca cggttgtgtc ctgccttgtg ttctgtctgg ggatcatcgg gaactccaca
601 cttctgagaa ttatctacaa gaacaagtgc atgcgaaacg gtcccaatat cttgatcgcc
661 agcttggctc tgggagacct gctgcacatc gctattgaca tccctatcaa tgtctacaag
721 ctgctggcag aggaactggc atttggagct gagatgtgta agctggtgcc ttctatacag
781 aaagcctccg tgggaatcac tgtgctgagt ctatgtgctc tgagtattga cagatatcga
841 gctgttgctt cttggagtag aattaaagga attgggggtc caaaatggac agcagtagaa
901 attgttttga tttgggtggt ctctgtggtt ctggtgtccc ctgaagccat aggttttgat
961 ataattacga tggactacaa aggaagtatt ctgcgaatct gcttgcttca tcccgttcag
1021 aagacagctt tcattgcagt ttacaagaca gcaaaagatt ggtggctggt cagtttctat
1081 ttctgcttgc cattggccat cactgcattt ttttatacac taatgacctg tgaatgttg
1141 agaaagaaaa gtggcatgca gattgcttta atgatcacc taaagcagag acgggaagtg
1201 gccaaaaccg tcttttgctt ggtccttgtc ttgcccctct gctggcttcc cttcacctc
1261 agcaggattc tgaagctcac tctttataat cagaatgatc ccaatagatg tgaacttttg
1321 agctttctgt tggatttggg ctatattggt atcaacatgg cttcactgaa ttcttgcatt
1381 aacccaattg ctctgtattt ggtgagcaaa agattcaaaa actgctttaa gtcagtctta
1441 tgctgtcgtt gccagtcatt tgaagaaaaa cagtccttgg aggaaaagca gtcgtgctta
1501 aagttcaaa gctaattgat cggatatgac aacttccgtt ccagtaataa atacagctca
1561 tcttgaaaga agaactattc actgtatttc attttcttta tattggaccg aagtcattaa
1621 aacaaaatga aacatttgcc aaaacaaaac aaaaaactat gtatttgcac agcacactat
1681 taaaatatta agtgtaatta ttttaacact cacagctaca tatgacattt tatgagctgt
1741 ttacggcatg gaaagaaaaa cagtgggaat taagaaagcc tcgtcgtgaa agcacttaat
1801 tttttacagt tagcatttca acatagctct taacaacttc caggatattc acacaacact
1861 taggcttaaa aatgagctca ctcagaattt ctattctttc taaaaagaga tttattttta
1921 aatcaatggg actctgatat aaaggaagaa taagtcactg taaaacagaa cttttaaatg
1981 aagcttaaat tactcaattt aaaattttta aatcctttta aacaactttt caattaatat
2041 tatcacacta ttatcagatt gtaattagat gcaaatgaga gagcagttta gttgttgcat
2101 ttttcggaca ctggaaacat ttaaattgatc aggagggagt aacagaaaga gcaaggctgt
2161 ttttgaaaaa cattacactt tcactagaag cccaaacctc agcattctgc aatatgtaac
2221 caacatgtca caaacaagca gcatgtaaca gactggcaca tgtgccagct gaatttaaaa
2281 tataatactt ttaaaaagaa aattattaca tcctttacat tcagttaaga tcaaacctca
2341 caaagagaaa tagaatgttt gaaaggctat cccaaaagac ttttttgaat ctgtcattca
2401 cataccctgt gaagacaata ctatctacaa ttttttcagg attattaaaa tcttcttttt
2461 tcactatcgt agcttaaaact ctgtttggtt ttgtcatctg taaatactta cctacatata
2521 ctgcatgtag atgattaaat gagggcaggc cctgtgctca tagctttacg atggagagat
2581 gccagtgacc tcataataaa gactgtgaac tgcctggtgc agtgccaca tgacaaaagg
2641 gcaggtagca cccctcttca cccatgctgt ggttaaaatg gtttctagca tatgtataat
2701 gctatagtta aaatactatt tttcaaaatc atacagatta gtacatttaa cagctacctg
2761 taaagcttat tactaatttt tgtattattt ttgtaaatag ccaatagaaa agtttgcttg
2821 acatgggtgt tttctttcat ctagaggcaa aactgctttt tgagaccgta agaacctctt
2881 agctttgtgc gttcctgcct aatttttata tcttctaagc aaagtgcctt aggatagctt
2941 gggatgagat gtgtgtgaaa gtaggtacaa gagaaaacgg aagagagagg aaatgaggtg
3001 ggttggagg aaacctatgg ggacagattc ccattcttag cctaacgttc gtcattgcct
3061 cgtcacatca atgcaaaagg tcctgatttt gttccagcaa aacacagtgc aatgttctca
3121 gagtgaactt cgaaataaat tgggcccag agctttaatc cggctttaa atatgcccaa
3181 atttttactt tgtttttctt ttaataggct gggccacatg ttggaaataa gctagtaatg
3241 ttgttttctg tcaatattga atgtgatggt acagtaaacc aaaaccaac aatgtggcca
3301 gaaagaaaga gcaataataa ttaattcaca caccataggg attctattta taaatcacc
3361 acaaacttgt tctttaattg catcccatac actttttcag aggcctgtta tcatagaagt
3421 cattttagac tctcaatttt aaattaattt tgaatcacta atattttcac agtttattaa
3481 tatatttaaa ttctatttaa attttagatt atttttatta ccatgtactg aatttttaca
3541 tcctgatacc ctttcttctt ccatgtcagt atcatgttct ctaattatct tgccaaattt
3601 tgaaactaca cacaaaaagc atacttgcac tatttataat aaaattgcat tcagtggctt
3661 tttaaaaaaa atgttttgatt caaaacttta acatactgat aagtaagaaa caattataat
3721 ttctttacat actcaaaacc aagatagaaa aaggtgctat cgttcaactt caaaacatgt
3781 ttcttagtat taaggacttt aatatagcaa cagacaaaat tattgttaac atggatgtta
3841 cagctcaaaa gatttataaa agattttaac ctattttctc cttattatc cactgctaata
3901 gtggatgtat gttcaaacac ctttttagtat tgatagctta catatggcca aaggaatata
3961 gtttatagca aaacatgggt atgctgtagc taactttata aaagtgtaata ataacaatgt
4021 aaaaaattat atatctggga ggattttttg gttgcctaaa gtggctatag ttactgattt

```

4081 ttattattgt aagcaaaacc aataaaaatt taagtttttt taacaactac cttatttttc
 4141 actgtacaga cactaattca ttaaatacta attgattgtt taaaagaaat ataatgtga
 4201 caagtggaca ttatttatgt taaatataca attatcaagc aagtatgaag ttattcaatt
 4261 aaaatgccac atttctggtc tctgggaaaa aaaaaaaaaa a

L2 ANSWER 268 OF 275 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AR177879 GenBank (R)
 GenBank ACC. NO. (GBN): AR177879
 GenBank VERSION (VER): AR177879.1 GI:17920234
 CAS REGISTRY NO. (RN): 382786-86-9
 SEQUENCE LENGTH (SQL): 4105
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 17 Dec 2001
 DEFINITION (DEF): Sequence 1 from patent US 6313276.
 SOURCE: Unknown.
 ORGANISM (ORGN): Unknown.
 NUCLEIC ACID COUNT (NA): 1138 a 859 c 845 g 1263 t
 REFERENCE: 1 (bases 1 to 4105)
 AUTHOR (AU): Imura,H.; Nakao,K.; Nakanishi,S.
 TITLE (TI): ***Human*** ***endothelin*** ***receptor***
 JOURNAL (SO): Patent: US 6313276-A 1 06-NOV-2001;

FEATURES (FEAT):
 Feature Key Location Qualifier
 =====+=====+=====

source 1..4105 /organism="unknown"

SEQUENCE (SEQ):

1 gaattcgcgg ccgcctcttg cgggtcccaga gtggagtgga aggtctggag ctttgggagg
 61 agacggggag gacagactgg aggcgtgttc ctccggagtt ttctttttcg tgcgagccct
 121 cgcgcgcgcg tacagtcatt ccgctgggtc gacgattgtg gagaggcggg ggagaggcct
 181 catccatccc acccggctcg cgccggggat tgggggtccc gcgacacctc cccgggagaa
 241 gcagtgccca ggaagttttc tgaagccggg gaagctgtgc agccgaagcc gccgccgcgc
 301 cggagccccg gacaccggcc accctccgcg ccacccaccc tcgcttttct cggcttcttc
 361 tggcccaggc gccgcgcgga cccggcagct gtctgcgcac gccgagctcc acggtgaaaa
 421 aaaaagtga ggtgtaaaag cagcacaagt gcaataagag atatttcttc aaatttgctt
 481 caagatggaa accctttgcc tcaggggcatc cttttggctg gcactgggtg gatgtgtaat
 541 cagtataaat cctgagagat acagcacaat tctaagcaat catgtggatg atttcaccac
 601 ttttcgtggc acagagctca gcttcctggt taccactcat caaccacta atttggctct
 661 accagcaat ggtcaaatgc acaactattg cccacagcag actaaaatta cttcagcttt
 721 caaatacatt aacactgtga tatcttgtag tattttcatc gtgggaatgg tggggaatgc
 781 aactctgtc aggatcatt accagaacaa atgtatgagg aatggcccca acgctgctg
 841 agccagctt gcccttgtag acccttatcta tgggtgctt gatctcccta tcaatgtatt
 901 taagctgctg gctgggcgct ggccttttga tcacaatgac tttggcgtat ttctttgcaa
 961 gctgttcccc tttttgcaga agtcctcggg ggggatcacc gtcctcaacc tctgcgctct
 1021 tagtgttgac aggtacagag cagttgcttc ctggagtcgt gttcagggaa ttgggattcc
 1081 tttggttaact gccattgaaa ttgtctccat ctggatcctg tcctttatcc tggccattcc
 1141 tgaagcgatt ggcttcgtca tggtagcctt tgaatatagg ggtgaacagc ataaaacctg
 1201 tatgctcaat gccacatcaa aattcatgga gttctaccaa gatgtaaaag actggtggct
 1261 cttcgggttc tttttctgta tgcccttggg gtgcactgct atcttctaca cctcatgac
 1321 ttgtgagatg ttgaacagaa ggaatggcag cttgagaatt gccctcagtg aacatcttaa
 1381 gcagcgtcga gaagtggcaa aaacagtttt ctgcttgggt gtaatttttg ctctttgctg
 1441 gttccctctt cacttaagcc gtatattgaa gaaaactgtg tataacgaaa tggacaagaa
 1501 ccgatgtgaa ttacttagtt tcttagtct catggattac atcggtatta acttggcaac
 1561 catgaattca tgtataaac ccatagctct gtattttgtg agcaagaaat ttaaaaattg
 1621 tttccagtc tgcctctgct gctgctgtta ccagtccaaa agtctgatga cctcgggtcc
 1681 catgaacgga acaagcatcc agtgggaagaa ccacgatcaa aacaaccaca acacagaccg
 1741 gagcagccat aaggacagca tgaactgacc acccttagaa gcactcctcg gtactcccat
 1801 aatcctctcg gagaaaaaaa tcacaaggca actgtgactc cgggaatctc ttctctgatc
 1861 cttcttcctt aattcactcc cacaccaag aagaaatgct ttccaaaacc gcaaggtaga
 1921 ctggtttatc caccacaac atctacgaat cgtacttctt taattgatct aatttata
 1981 ttctgcgtgt tgtattcagc actaaaaaat ggtgggagct gggggagaat gaagactgtt
 2041 aaatgaaacc agaaggatat ttactacttt tgcataaaaa tagagctttc aagtacatgg
 2101 ctagctttta tggcagttct ggtgaatgtt caatgggaac tggtcaccat gaaactttag
 2161 agattaacga caagattttc tacttttttt aagtgttttt ttgtccttca gccaaacaca
 2221 atatgggctc aggtcacttt tatttgaaat gtcatttggg gccagttatt ttaactgca
 2281 taatagccta acatgattat ttgaacttat ttacacatag tttgaaaaaa aaaagacaaa
 2341 aatagttatc aggtgagcaa tttagattagt attttccacg tcactattta tttttttaa
 2401 acacaaattc taaagtacaa acaataacta caggccctta aagcacagtc tgatgacaca
 2461 tttggcagtt taatagatgt tactcaaaga attttttaag aactgtattt ttttttttaa
 2521 atgggtgttt attacaaggg accttgaaca tgttttgtat gttaaattca aaagtaatgc
 2581 ttcaatcaga tagttctttt tcacaagttc aatactgttt ttcatgtaaa ttttgtatga
 2641 aaaatcaatg tcaagtacca aaatgttaat gtatgtgtca ttttaactctg cctgagactt

```

2701 tcagtgcact gtatatagaa gtctaaaaca cacctaagag aaaaagatcg aatttttcag
2761 atgattcgga aattttcatt cagggtatttg taatagtgc atatatatgt atatacatat
2821 cacctcctat tctcttaatt ttgttaaaaa tgtaaactgg cagtaagtct tttttgatca
2881 ttcccttttc catataggaa acataaatttt gaagtggcca gatgagttta tcatgtcagt
2941 gaaaaataat taccacacaaa tgccaccagt aacttaacga ttcttcactt cttgggggtt
3001 tcagtatgaa cctaactccc caccccaaca tctccctccc acattgtcac catttcaaag
3061 ggccccacagt gacttttgct gggcattttc ccagatgttt acagactgtg agtacagcag
3121 aaaatctttt actagtgtgt gtgtgtatat atataaacia ttgtaaattt cttttagccc
3181 atttttctag actgtctctg tggaaatatat ttgtgtgtgt gatatatgca tgtgtgtgat
3241 ggtatgtatg gatttaaatct aatctaataa ttgtgccccg cagttgtgcc aaagtgcata
3301 gtctgagcta aaatctagggt gattgttcat catgacaacc tgcctcagtc cattttaacc
3361 tgtagcaacc ttctgcattc ataaatcttg taatcatgtt accattacaa atgggatata
3421 agaggcagcg tgaaagcaga tgagctgtgg actagcaata taggggtttg ttgggttgg
3481 tggtttgata aagcagtatt tggggtcata ttgtttcctg tgctggagca aaagtcatta
3541 cactttgaag tattatattg ttcttatcct caattcaatg tggatgatgaa attgccagggt
3601 tgtctgatat ttctttcaga cttcgccaga cagattgctg ataataaatt aggttaagata
3661 atttgttggg ccatatttta ggacaggtaa aataacatca gggtccagtt gcttgaattg
3721 caaggctaag aagtactgcc cttttgtgtg ttagcagtc aatctattat tccactggcg
3781 catcatatgc agtgataat gcctataata taagccatag gttcacacca tttgttttag
3841 acaattgtct ttttttcaag atgcctttgt tctttcatat gaaaaaaatg cattttataa
3901 attcagaaag tcatagattt ctgaaggcgt caacgtgcat tttatttatg gactggtaag
3961 taactgtggg ttactagcag gaataatttc aatttctacc tttactacat cttttcaaca
4021 agtaactttg tagaaatgag ccagaagcca aggccctgag ttggcagtggt cccataagtg
4081 taaaataaaa gtttacagaa acctt

```

L2 ANSWER 269 OF 275 GENBANK.RTM. COPYRIGHT 2004 on STN

```

LOCUS (LOC):          HSX99250      GenBank (R)
GenBank ACC. NO. (GBN): X99250
GenBank VERSION (VER): X99250.1  GI:2285955
CAS REGISTRY NO. (RN): 392199-08-5
SEQUENCE LENGTH (SQL): 1578
MOLECULE TYPE (CI):   mRNA; linear
DIVISION CODE (CI):   Primates
DATE (DATE):          28 Jul 1997
DEFINITION (DEF):     H.sapiens mRNA for endothelin-B receptor splice
                        variant.
SOURCE:
  ORGANISM (ORGN):     Homo sapiens
                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                        Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
                        Hominidae; Homo
NUCLEIC ACID COUNT (NA): 380 a 378 c 397 g 423 t
REFERENCE:
  1 (bases 1 to 1578)
  AUTHOR (AU):         Elshourbagy,N.; Adamou,J.; Gagnon,A.; Wu,H.; Pullen,M.;
                        Nambi,P.
  TITLE (TI):          Molecular characterization of a ****human***
                        ****endothelin*** ****receptor*** splice variant
  JOURNAL (SO):        Unpublished
REFERENCE:
  2 (bases 1 to 1578)
  AUTHOR (AU):         Elshourbagy,N.A.
  TITLE (TI):          Direct submission
  JOURNAL (SO):        Submitted (01-JUL-1996) N.A. Elshourbagy, Smithkline
                        Beecham, Molecular Genetics, UE0548, 709 Swedland Road,
                        PO Box 1539, King of Prussia, PA 19406, USA

```

```

FEATURES (FEAT):
  Feature Key      Location      Qualifier
=====
source            1..1578      /organism="Homo sapiens"
                                   /db-xref="taxon:9606"
                                   /tissue-type="placenta"
                                   /clone-lib="ZAP one million"
                                   /dev-stage="adult"
CDS               234..1544    /note="splice variant"
                                   /codon-start=1
                                   /product="ET-B receptor"
                                   /protein-id="CAA67623.1"
                                   /db-xref="GI:2285956"
                                   /db-xref="SPTREMBL:015343"
                                   /translation="MQPPSLCGRALVALVLACG
LSRIWGEERGFPDRATPLLQTAE
IMTPPTKTLWPKGSNASLARS LAPAEVPGKDRTA
GSPRTISPPPCQGP IETFKY
INTVVSCLVFVLGIIGNSTLLRIIYKNKCMRNGP
NILIASLALGDL LHIVIDIPINVY

```

KLAEEDWPFGEAMCKLVFPIQKASVGITVLSLCA
 LSIDRYRAVASWSRIKGIGVPKWT
 AVEIVLIWVSVVLAVPEAIGFDIITMDYKGSYL
 RICLLHPVQKTAFMQFYKTAKDWW
 LFSFYFCLPLAITAFFYTLMTCEMLRKKSGMQIA
 LNDHLKQRREVAKTVFCLVLVFA
 CWLPLHLSRIKLKLTLYNQNDPNRCELLSFLLVLD
 YIGINMASLNSCINPIALYLVSKR
 FKNCFKAGPHVGNKLVMLFSVNIIECDGTVNQNP
 MWPERKSNNN"

SEQUENCE (SEQ):

```

1  gggctgcagg tttcgacccg cgctggcgag tcatgagcgc caagtttccc actggcgcg
61 aaacttgagt tacttttgag cgtggatact ggcgaagagg ctgcgggagg tattagcgtt
121 tgcagcgact tggctcgggc agctgacccc aaagtgtctg tcttccctcc tctgcttgct
181 tctaggctct gaaactgcgg cggccaccgg acgcttcttg agcaggtagc agcatgcagc
241 cgctccaag tctgtgcgga cgcgccctgg ttgcgctggt tcttgccctgc ggcctgtcgc
301 ggatctgggg agaggagaga ggcttcccgc ccgacagggc cactccgctt ttgcaaaccg
361 cagagataat gacgccaccc actaagacct tatggcccaa gggttccaac gccagtctgg
421 cgcggtcggt ggcacctgcg gaggtgccta aaggagacag gacggcagga tctccgccac
481 gcaccatctc ccctcccccg tgccaaggac ccatcgagat caaggagact ttcaaataca
541 tcaacacggt tgtgtcctgc cttgtgttcg tgctggggat catcgggaac tccacacttc
601 tgagaattat ctacaagaac aagtgcctgc gaaacggctc caatatcttg atcgccagct
661 tggctctggg agacctgctg cacatcgctc ttgacatccc tatcaatgtc tacaagctgc
721 tggcagagga ctggccattt ggagctgaga tgtgtaagct ggtgcctttc atacagaaag
781 cctccgtggg aatcactgtg ctgagctctat gtgctctgag tattgacaga tatcgagctg
841 ttgcttcttg gtagtagaatt aaaggaaattg gggttccaaa atggacagca gtagaaattg
901 ttttgatttg ggtggtctct gtggttcttg ctgtccctga agccataggt tttgatataa
961 ttacgatgga ctacaaagga agttatctgc gaatctgctt gcttcatccc gttcagaaga
1021 cagctttcat gcagttttac aagacagcaa aagattgggtg gctgttcagt ttctatttct
1081 gcttgccatt ggccatcact gcattttttt atacactaat gacctgtgaa atgttgagaa
1141 agaaaagtgg catgcagatt gctttaaatg atcacctaaa gcagagacgg gaagtggcca
1201 aaaccgtctt ttgcctggtc cttgtctttg cctctgctg gcttccccctt caccctagca
1261 ggattctgaa gctcactctt tataatcaga atgatcccaa tagatgtgaa cttttgagct
1321 ttctgttggt attggactat attggatatc acatggcttc actgaattcc tgcattaacc
1381 caattgctct gtatttggtg agcaaaaagat tcaaaaactg ctttaaggct gggccacatg
1441 ttggaaataa gctagtaatg ttgttttctg tcaatattga atgtgatggt acagtaaacc
1501 aaaacccaac aatgtggcca gaaagaaaaga gcaataataa ttaattcaca caccatatgg
1561 attctattta taaatcac
  
```

L2 ANSWER 270 OF 275 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): E07650 GenBank (R)
 GenBank ACC. NO. (GBN): E07650
 GenBank VERSION (VER): E07650.1 GI:2175785
 CAS REGISTRY NO. (RN): 192795-32-7
 SEQUENCE LENGTH (SQL): 4301
 MOLECULE TYPE (CI): RNA; linear
 DIVISION CODE (CI): Patent
 DATE (DATE): 29 Sep 1997
 DEFINITION (DEF): cDNA encoding endothelin receptor,ETB-receptor.
 SOURCE: Homo sapiens.
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo

NUCLEIC ACID COUNT (NA): 1342 a 828 c 817 g 1314 t

COMMENT:

```

OS Homo sapiens (human)
PN JP 1994157595-A/2
PD 03-JUN-1994
PF 12-JUL-1991 JP 1991172828
PI IMURA HIROO, NAKAO ICHIKAZU, NAKANISHI SHIGETADA PC
C07K13/00,C12N5/10,C12N15/12,C12P21/02,(C12N5/10,C12R1:91), PC
(C12P21/02,
PC C12R1:91);
CC strandedness: Double;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key Location/Qualifiers
FH
FT source 1..4301
FT /organism='Homo sapiens'
FT /tissue_type='placenta'
FT /clone='pHETBR31 and pHTBR34' FT 5'UTR
  
```

1..237
 FT CDS 238..1566
 FT /product='endothelin receptor,ETB-receptor' FT
 3'UTR 1567..4301
 FT polyA_signal 4258..4263
 FT polyA_signal 3638..3643
 FT polyA_signal 3134..3139
 FT polyA_signal 2594..2599
 FT polyA_signal 1689..1694.
 REFERENCE: 1 (bases 1 to 4301)
 AUTHOR (AU): Imura,H.; Nakao,I.; Nakanishi,S. .
 TITLE (TI): ***HUMAN*** ***ENDOTHELIN*** ***RECEPTOR***
 JOURNAL (SO): Patent: JP 1994157595-A 2 03-JUN-1994; SHIONOGI & CO LTD

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..4301	/organism="Homo sapiens" /db-xref="taxon:9606"

SEQUENCE (SEQ):

1	gagacattcc	ggtggggggac	tctggccagc	ccgagcaacg	tggatcctga	gagcactccc
61	aggtaggcat	ttgccccggt	gggacgcctt	gccagagcag	tgtgtggcag	gcccccgtag
121	aggatcaaca	cagtggctga	acactgggaa	ggaactggta	cttggagtct	ggacatctga
181	aacttggctc	tgaaactgcg	gagcggccac	cggacgcctt	ctggagcagg	tagcagcatg
241	cagccgcttc	caagtctgtg	cggacgcgcc	ctgggtgctg	tggttcttgc	ctgcggcctg
301	tcgcggatct	ggggagagga	gagaggcttc	ccgcctgaca	gggccactcc	gcttttgcaa
361	accgcagaga	taatgacgcc	acccactaag	accttatggc	ccaagggttc	caacgccagt
421	ctggcgcggt	cgttggcacc	tgccggagggtg	cctaaaggag	acaggacggc	aggatctccg
481	ccacgcacca	tctccccctc	cccgtgccaa	ggacccatcg	agatcaagga	gactttcaaa
541	tacatcaaca	cggttgtgtc	ctgccttgtg	ttcgtgctgg	ggatcatcgg	gaactccaca
601	cttctgagaa	ttatctacaa	gaacaagtgc	atgcgaaacg	gtcccaatat	cttgatcgcc
661	agcttggctc	tgggagacct	gctgcacatc	gtcattgaca	ttccctatcaa	tgtctacaag
721	ctgctggcag	aggactggcc	atttggagct	gagatgtgta	agctggtgcc	tttcatacag
781	aaagcctccg	tgggaatcac	tgtgctgagt	ctatgtgctc	tgagtattga	cagatatcga
841	gctgttgctt	cttggagtag	aattaaagga	attgggggtc	caaaatggac	agcagtagaa
901	attgttttga	tttgggtggt	ctctgtggtt	ctggctgtcc	ctgaagccat	aggttttgat
961	ataattacga	tggactacaa	aggaagttaa	ctgcgaatct	gcttgcttca	ttccggttcag
1021	aagacagctt	tcattgcagtt	ttacaagaca	gcaaaagatt	ggtggctggt	cagtttctat
1081	ttctgcttgc	cattggccat	cactgcattt	ttttatacac	taatgacctg	tgaaatgttg
1141	agaaagaaaa	gtggcatgca	gattgcttta	aatgatcacc	taaagcagag	acgggaagtg
1201	gccaaaaccg	tcttttgctt	ggtccttgtc	tttgccctct	gctggcttcc	ccttcacctc
1261	agcaggattc	tgaagctcac	tctttataat	cagaatgatc	ccaatagatg	tgaacttttg
1321	agctttctgt	tggtatttga	ctatatgtgt	atcaacatgg	cttcactgaa	ttcctgcatt
1381	aacccaattg	ctctgtattt	ggtgagcaaa	agattcaaaa	actgctttaa	gtcatgctta
1441	tgtgctggtt	gccagtcatt	tgaagaaaaa	cagtccttgg	aggaaaagca	gtcgtgctta
1501	aagttcaaag	ctaattgatca	cggatatgac	aacttccggt	ccagtaataa	atacagctca
1561	tcttgaaaga	agaactattc	actgtatttc	attttcttta	tattggaccg	aagtcattaa
1621	aacaaaatga	aacatttgcc	aaaacaaaac	aaaaaactat	gtatttgcac	agcacactat
1681	taaaatatta	agtgtaatga	ttttaacact	cacagctaca	tatgacattt	tatgagctgt
1741	ttacggcgatg	gaaagaaaaa	cagtgggaat	taagaaagcc	tcgtcgtgaa	agcacttaat
1801	tttttacagt	tagcacttca	acatagctct	taacaacttc	caggatattc	acacaacact
1861	taggcttaaa	aatgagctca	ctcagaattt	ctattctttc	taaaaagaga	tttattttta
1921	aatcaatggg	actctgatat	aaaggaagaa	taagtcactg	taaaacagaa	cttttaaatg
1981	aagcttaaat	tactcaattt	aaaattttta	aatcctttta	aacaactttt	caattaatat
2041	tatcacacta	ttatcagatt	gtaattagat	gcaaatgaga	gagcagttta	gttgttgcat
2101	ttttcggaca	ctggaacatc	ttaaatgatc	aggaggaggt	aacagaaaga	gcaaggctgt
2161	ttttgaaaaa	cattacactt	tcactagaag	cccaaaccct	agcattctgc	aatatgtaac
2221	caacatgtca	caaacaagca	gcatgtaaca	gactggcaca	tgtgccagct	gaatttaaaa
2281	tataatactt	ttaaaaagaa	aattattaca	tcctttacat	tcagttaaga	tcaaaccctca
2341	caaagagaaa	tagaatgttt	gaaaggctat	cccaaagac	ttttttgaat	ctgtcattca
2401	cataccctgt	gaagacaata	ctatctacaa	ttttttcagg	attattaaaa	tcttcttttt
2461	tcactatcgt	agcttaaaat	ctggttgggt	ttgtcatctg	taaatactta	cctacataca
2521	ctgcatgtag	atgattaaat	gagggcaggc	ctgtgtgctc	tagcttttacg	atggagagat
2581	gccagtgacc	tcataataaa	gactgtgaac	tgccctgggtc	agtgtccaca	tgacaaaggg
2641	gcaggtagca	ccctctctca	cccatgctgt	ggttaaaaatg	gtttctagca	tatgtataat
2701	gctatagtta	aaatactatt	tttcaaaatc	atacagatta	gtacatttaa	cagctacctg
2761	taaagcttat	tactaatttt	tgtattattt	ttgtaaatag	ccaatagaaa	agtttgcttg
2821	acatgggtgt	tttctttcat	ctagaggcaa	aactgctttt	tgagaccgta	agaacctctt
2881	agctttgtgc	gttctctgct	aatttttata	tcttttaagc	aaagtgcctt	aggatagctt
2941	gggatgagat	gtgtgtgaaa	gtatgtacaa	gagaaaaacgg	aagagagagg	aaatgagggtg
3001	gggttggagg	aaacccatgg	ggacagattc	ccattcttag	cctaacgttc	gtcattgcct
3061	cgtcacatca	atgcaaaaag	tcctgatttt	gttccagcaa	aacacagtgc	aatgttctca
3121	gagtgaactt	cgaaataaat	tgggcccaag	agctttaact	cggtcttaaa	atatgcccaa
3181	atttttactt	tgtttttctt	ttaataggct	gggccacatg	ttggaaataa	gctagtaaatg


```

3241 ttgttttctg tcaatattga atgtgatggt acagtaaacc aaaacccaac aatgtggcca
3301 gaaagaaaga gcaataataa ttaattcaca caccatatgg attctattta taaatcaccc
3361 acaaacttgt tctttaattt catcccaatc actttttcag aggcctgtta tcatagaagt
3421 catttttagac tctcaatttt aaattaattt tgaatcacta atattttcac agttttattaa
3481 tatatttaatt ttctatttta attttagatt atttttatta ccatgtactg aattttttaca
3541 tcttgatacc ctttccttct ccattgtcagt atcatgttct ctaattatct tgccaaattt
3601 tgaactacac cacaaaaagc atacttgcac tatttataat aaaattgcat tcagtggctt
3661 tttaaaaaaa atgtttgatt caaaacttta acatactgat aagtaagaaa caattataat
3721 ttctttacat actcaaaacc aagatagaaa aagggtgctat cgttcaactt caaaacatgt
3781 ttcctagtag taaggacttt aatatagcaa cagacaaaat tattgttaac atggatgta
3841 cagctcaaaa gatttataaa agatttttaac ctattttctc ctttattatc cactgcta
3901 gtggatgtat gttcaaacac cttttagtag tgatagctta catatggcca aaggaatata
3961 gtttatagca aaacatgggt atgctgtagc taactttata aaagtgtaat ataacaatgt
4021 aaaaaattat atatctggga ggatttttgg gttgcctaaa gtggctatag ttactgattt
4081 tttattatgt aagcaaaacc aataaaaaatt taagtttttt taacaactac cttatttttc
4141 actgtacaga cactaattca ttaaatacta attgattgtt taaaagaaat ataaatgtga
4201 caagtggaca ttatttatgt taaatataca attatcaagc aagtatgaag ttattcaatt
4261 aaaatgccac atttctgggc tctgggaaaa aaaaaaaaaa a

```

L2 ANSWER 271 OF 275 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): E07649 GenBank (R)
GenBank ACC. NO. (GBN): E07649
GenBank VERSION (VER): E07649.1 GI:2175784
CAS REGISTRY NO. (RN): 382786-87-0
SEQUENCE LENGTH (SQL): 4105
MOLECULE TYPE (CI): RNA; linear
DIVISION CODE (CI): Patent
DATE (DATE): 29 Sep 1997
DEFINITION (DEF): cDNA encoding endothelin receptor,ETA-receptor.
SOURCE: Homo sapiens.
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
Hominidae; Homo

NUCLEIC ACID COUNT (NA): 1138 a 859 c 845 g 1263 t

COMMENT:

OS Homo sapiens (human)
PN JP 1994157595-A/1
PD 03-JUN-1994
PF 12-JUL-1991 JP 1991172828
PI IMURA HIROO, NAKAO ICHIKAZU, NAKANISHI SHIGETADA PC
C07K13/00,C12N5/10,C12N15/12,C12P21/02,(C12N5/10,C12R1:91), PC
(C12P21/02,
PC C12R1:91);
CC strandedness: Double;
CC topology: Linear;
CC hypothetical: No;
CC anti-sense: No;
FH Key Location/Qualifiers
FH
FT source 1..4105
FT /organism='Homo sapiens'
FT /tissue_type='placenta'
FT /clone='phETIR'
FT 5'UTR 1..484
FT CDS 485..1768
FT /product='endothelin receptor,ETA-receptor' FT
sig_peptide 485..544
FT /product='signal peptide of endothelin FT
receptor,
FT ETA-receptor'
FT mat_peptide 545..1765
FT /product='endothelin receptor,ETA-receptor' FT
3'UTR 1769..4105
FT polyA_signal 4084..4089.

REFERENCE: 1 (bases 1 to 4105)
AUTHOR (AU): Imura,H.; Nakao,I.; Nakanishi,S. .
TITLE (TI): ***HUMAN*** ***ENDOTHELIN*** ***RECEPTOR***
JOURNAL (SO): Patent: JP 1994157595-A 1 03-JUN-1994; SHIONOGI & CO
LTD

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..4105	/organism="Homo sapiens"

SEQUENCE (SEQ):

```

1 gaattcgcgg cgcctcttgg cgggtcccaga gtggagtggg aggtctggag ctttgggagg
61 agacggggag gacagactgg aggcgtgttc ctccggagtt ttcttttttcg tgcgagccct
121 cgcgcgcgcg tacagctcat ccgctggtct gacgattgtg gagaggcggg ggagaggcct
181 catccatccc acccggctcg cccgggggat tggggtecca gcgacacctc cccgggagaa
241 gcagtgccca ggaagttttc tgaagcggg gaagctgtgc agccgaagcc gccgcgcgc
301 cggagcccg gacaccggcc accctccgcg ccaccacccc tcgctttctc cggcttctc
361 tggccaggc gccgcgcgga cccggcagct gtctgcgcac gccgagctcc acggtgaaaa
421 aaaaagtga ggtgtaaaag cagcacaagt gcaataagag atatttcctc aaatttgcct
481 caagatgaa accctttgcc tcagggcatc cttttggctg gcactggttg gatgtgtaat
541 cagtataat cctgagagat acagacaaaa tctaagcaat catgtggatg atttcaccac
601 tttctgtggc acagagctca gcttcctggg taccactcat caaccacta atttggctct
661 acccagcaat ggctcaatgc acaactattg cccacagcag actaaaatta cttcagcttt
721 caaatacatt aacactgtga tatctgttac tattttcatc gtgggaatgg tggggaatgc
781 aactctgctc aggatcattt accagaacaa atgtatgagg aatggcccca acgcgctgat
841 agccagtctt gcccttggag accttatcta tgtggtcatt gatctcccta tcaatgtatt
901 taagctgctg gctgggcgct ggcttttga tcacaatgac ttggcgctat ttctttgcaa
961 gctgttcccc tttttgcaga agtctctcgt ggggatcacc gtctcaacc tctgcgctc
1021 tagtgttgac aggtacagag cagttgcctc ctggagtctg gttcaggaa ttgggattcc
1081 tttggtaact gccattgaaa ttgtctccat ctggatcctg tcctttatcc tggccattcc
1141 tgaagcgatt ggcttcgtca tgggtaccct tgaatatagg ggtgaacagc ataaaaacctg
1201 tatgctcaat gccacatcaa aattcatgga gttctacca gatgtaaaag actggtggct
1261 cttcgggttc tatttctgta tgcccttggg gtgcactgcg atcttctaca cctcatgac
1321 ttgtgagatg ttgaacagaa ggaatggcag cttgagaatt gccctcagtg aacatcttaa
1381 gcagcgtcga gaagtggcaa aaacagtttt ctgcttgggt gtaatttttgc tcttttgcg
1441 gttccctctt cacttaagcc gtatattgaa gaaaactgtg tataacgaaa tggacaagaa
1501 ccgatgtgaa ttacttagtt tcttactgct catggattac atcgggtatta acttggcaac
1561 catgaattca tgtataaacc ccatagctct gtattttgtg agcaagaaat ttaaaaattg
1621 tttccagtc tgctctgct gctgctgtta ccagtccaaa agtctgatga cctcggctcc
1681 catgaacgga acaagcatcc agtggaaaga ccacgatcaa aacaaccaca acacagaccg
1741 gagcagccat aaggacagca tgaactgacc acccttagaa gcactcctcg gtactcccat
1801 aatcctctcg gagaaaaaaa tcacaaggca actgtgactc cgggaatctc ttctctgac
1861 cttcttctct aattcactcc cacaccaag aagaaatgct ttccaaaacc gcaaggtaga
1921 ctggtttatc caccacaaac atctacgaat cgtacttctt taattgatct aatttacata
1981 ttctgcgtgt tgtattcagc actaaaaaat ggtgggagct ggggggagaat gaagactggt
2041 aaatgaaacc agaagatat ttactacttt tgcatgaaaa tagagctttc aagtacatgg
2101 ctagctttta tggcagttct ggtgaatggt caatgggaac tggtcaccat gaaactttag
2161 agattaacga caagattttc tacttttttt aagtgatttt ttgtccttca gccaaacaca
2221 atatgggctc aggtcacttt tatttgaaat gtcatttggg gccagtattt ttaactgca
2281 taatagccta acatgattat ttgaacttat ttacacatag ttgaaaaaa aaaagacaaa
2341 aatagtattc aggtgagcaa ttagattagt attttccacg tcactattta tttttttaa
2401 acacaaattc taaagctaca acaaaacta caggccctta aagcacagtc tgatgacaca
2461 tttggcagtt taatagatgt tactcaaaaga attttttaag aactgtattt tattttttaa
2521 atgggtgttt attacaaggg accttgaaca tgttttgtat gttaaattca aaagtaatgc
2581 ttcaatcaga tagttctttt tcacaagttc aatactgttt ttcattgtaa ttttgtatga
2641 aaaatcaatg tcaagtacca aaatgttaat gtatgtgtca ttttaactct cctgagactt
2701 tcagtgcact gtatatagaa gtctaaaaca cacctaagag aaaaagatcg aatttttcag
2761 atgattcgga aattttcatt caggtatttt taatagtgc atatatatgt atatacatat
2821 cacttctat tctcttaatt ttgttataaa tgtaaactgg cagtaagtct tttttgatca
2881 ttcccttttc cataataggaa acataatttt gaagtggcca gatgagtta tcatgtcagt
2941 gaaaaataat taccacaaa tgccaccagt aacttaacga ttcttcactt cttggggttt
3001 tcagtatgaa cctaactccc caccacaaca tctccctccc acattgtcac catttcaaag
3061 ggccacaggt gacttttgcg gggcattttc ccagatgttt acagactgtg agtacagcag
3121 aaaatctttt actagtgtgt gtgtgtatat atataaaca ttgtaaattt ctttagccc
3181 atttttctag actgtctctg tggaaatata ttgtgtgtgt gatatatgca tgtgtgtgat
3241 ggtatgtatg gatttaatat aatctaataa ttgtgccccg cagttgtgcc aaagtgcata
3301 gtctgagcta aaatctaggt gattgttcat catgacaacc tgcctcagtc cattttaacc
3361 tgtagcaacc ttctgcattc ataaatcttg taatcatggt accattacaa atgggatata
3421 agaggcagcg tgaagcaga tgagctgtgg actagcaata tagggttttg tttggttggg
3481 tggtttgata aagcagtatt tggggtcata ttgtttcctg tgctggagca aaagtcatta
3541 cactttgaag tattatattg ttcttatcct caattcaatg tgggtgatga attgccaggt
3601 tgtctgatat ttctttcaga cttcgccaga gagacaggtg ggttccagtt gcttgaattg
3661 atttgttggg ccatattttt ctgttgtgtg ttagcagtca aatctattat tccactggcg
3721 caaggctaag aagtactgcc gcctataata taagccatag gttcacacca ttttgtttag
3781 catcatatgc agtgatatat atgctttgtt tctttcatat gaaaaaaatg cattttataa
3841 acaattgtct ttttttcaag ctgaaggcgt caacgtgcat tttatttatg gactggtaag
3901 attcagaaaag tcatagattt gaataatttc aatttctacc tttactacat cttttcaaca
3961 taactgtggt ttactagcag tagaaatgag aggccctgag ttggcagtgg ccataagtg
4021 agtaactttg gtttacagaa acctt
4081 taaaataaaa

```

GenBank ACC. NO. (GBN): S45956
 GenBank VERSION (VER): S45956.1 GI:257375
 CAS REGISTRY NO. (RN): 252690-43-0
 SEQUENCE LENGTH (SQL): 3305
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Primates
 DATE (DATE): 8 May 1993
 DEFINITION (DEF): endothelin receptor subtype A [human, placenta, mRNA, 3305 nt].
 SOURCE: human placenta.
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo
 NUCLEIC ACID COUNT (NA): 932 a 702 c 654 g 1013 t 4 others
 REFERENCE: 1 (bases 1 to 3305)
 AUTHOR (AU): Hayzer, D.J.; Rose, P.M.; Lynch, J.S.; Webb, M.L.;
 Kienzle, B.K.; Liu, E.C.; Bogosian, E.A.; Brinson, E.;
 Runge, M.S.
 TITLE (TI): Cloning and expression of a ***human***
 endothelin ***receptor*** : subtype A
 JOURNAL (SO): Am. J. Med. Sci., 304 (4), 231-238 (1992)

FEATURES (FEAT):		
Feature Key	Location	Qualifier
=====		
source	1..3305	/organism="Homo sapiens"
		/db-xref="taxon:9606"
gene	1..3305	/gene="endothelin receptor subtype A, ET-R[A]"
CDS	222..1505	/gene="endothelin receptor subtype A, ET-R[A]"
		/note="This sequence comes from Fig. 2; ET-R[A]"
		/codon-start=1
		/product="endothelin receptor subtype A"
		/protein-id="AAB23644.1"
		/db-xref="GI:257376"
		/translation="METLCLRASFWLALVGCVIS DNPERYSTNLSNHVDDFTTFRGTE LSFLVTTHQPTNLVLPNSNGSMHNYCPQQTKITSA FKYINTVISCTIFIVGMVGNATLL RIIYQNKYMRNGPNALIASLALGDLIYVVIDLPI NVFKLLAGRWPFDHNDFGVFLCKL FPFLQKSSVGITVLNLCALSVDYRAVASWSRVQ GIGIPLVTAIEIVSIWILSFILAI PEAIGFVMVPFEYRGEQHKTCMLNATSKFMEFYQ DVKDWWLFGFYFCMPLVCTAIFYT LMTCEMLNRRNGSLRIALSEHLKQRREVAKTVFC LVVIFALCWFLHLRLKKTIVYN EMDKNRCCELLSFLLLMDYIGINLATMNSCINPIA LYFVSKKFKNCFQSCLCCCCYQSK SLMTSVPMNGTSIQWKNHDQNNHNTDRSSHKDSM N"

SEQUENCE (SEQ):

1	aagccgggga	agctgtgcag	ccgaagccgc	cgccgcgccg	gagcccggga	caccggccac
61	cctccgcgcc	acccaccctc	gccggctccg	gcttcctctg	gcccaggcgc	cgcgcgacc
121	cggcagctgt	ctgcgcacgc	cgagctccac	ggtgaaaaaa	aagtgaaggt	gtaaaagcag
181	cacaagtgca	ataagagata	tttcctcaa	ttgcctcaa	gatggaaacc	ctttgcctca
241	gggcatacct	ttggctggca	ctggttggat	gtgtaatcag	tgataatcct	gagagataca
301	gcacaaatct	aagcaatcat	gtggatgatt	tcaccacttt	tcgtggcaca	gagtcagct
361	tcctggtnac	cactcatcaa	cccactaatt	tggtcctacc	cagcaatggc	tcaatgcaca
421	actattgccc	acagcagact	aaaattactt	cagctttcaa	atacattaac	actgtgatat
481	cttgactat	tttcatcgtg	ggaatggtgg	ggaatgcaac	tctgctcagg	atcatttacc
541	agaacaaata	tatgaggaat	ggccccaacg	cgctgatagc	cagtcttgcc	cttgagagacc
601	ttatctatgt	ggtcattgat	ctcccataca	atgtatttaa	gctgctggct	gggcgctggc
661	cttttgatca	caatgacttt	ggcgtatttc	tttgcaagct	gttccccctt	ttgcagaagt
721	cctcggtggg	gatcaccgtc	ctcaacctct	gcgctcttag	tgttgacagg	tacagagcag
781	ttgcctcctg	gagtcgtgtt	cagggaattg	ggattccttt	ggtaactgcc	attgaaattg
841	tctccatctg	gatcctgtcc	tttatcctgg	ccattcctga	agcgattggc	ttcgtcatgg
901	taccctttga	atataggggt	gaacagcata	aaacctgtat	gctcaatgcc	acatcaaaat
961	tcatggagtt	ctaccaagat	gtaaaaggact	ggtggctctt	cgggttctat	ttctgtatgc
1021	ccttgggtgtg	cactgcgatc	ttctacaccc	tcatgacttg	tgagatgttg	aacagaagga
1081	atggcagctt	gagaattgcc	ctcagtgaac	atcttaagca	gcgtcgagaa	gtggcaaaaa

```

1141 cagttttctg cttggttgta atttttgctc tttgctggtt cctctttcat ttaagccgta
1201 tattgaagaa aactgtgtat aacgagatgg acaagaaccg atgtgaatta cttagtttct
1261 tactgtctcat ggattacatc ggtattaact tggcaaccat gaattcatgt ataaaaccca
1321 tagctctgta ttttgtgagc aagaaattta aaaattgttt ccagtcatgc ctctgtgct
1381 gctgttacca gtccaaaagt ctgatgacct cggcccccat gaacggaaca agcatccagt
1441 ggaagaacca cgatcaaaac aaccacaaca cagaccggag cagccataag gacagcatga
1501 actgaccacc cttagaagca ctctcggtta ctcccataat cctctcggag aaaaaaatca
1561 caaggcaact gtgagtcagg gaatctcttc tctgaccttt cttccttaat tcactcccac
1621 acccaagaag aaatgctttc caaaaccgca agggtagact ggtttatcca cccacaacat
1681 ctacgaatcg tacttcttta attgatctaa tttacatatt ctgctgtgtg tattcagcac
1741 taaaaaatgg tgggagctgg gggagaatga agactgttaa atgaaaccag aaggatattt
1801 actacttttg catgaaaata gagctttcaa gtacatggct agcttttatg gcagtcctgg
1861 tgaatgttca ctgggaactg gtcaccatga aacttttagag attaacgaca agattttcta
1921 ctttttttaa gtgatttttt tggccttcag ccaaacacaa tatgggctca agtcactttt
1981 atttgaaatg tcatttggtg ccagtatttt ttaactgcat aatagcctaa catgattatt
2041 tgaacttatt tacacatagt ttgaaaaaaa aaagacaaaa atagtattca ggtgagcaat
2101 tagattagta ttttccacgt cactgtttat ttttttaaaa cacaaattct aaagctacaa
2161 caaatactac aggcccttaa agcacagtct gatgacacat ttggcagttt aatagatgtt
2221 actcaaagaa ttttttaaga actgtatttt attttttaaa tgggtgttta ttacaagggg
2281 ccttgaacat gttttgtatg ttaaattcaa aagtaatgct tcaatcagat agttcttttt
2341 cacaagttca atctgttttt catgtaaatt tcgtatgaaa aatcaatgtc aagtaccaa
2401 atgttaatgt atgtgtcatt taactctgcc tgagactttc agagcactgt atatagaagt
2461 ctaaaacaca cctaagagaa aagatcgaat ttttcagatg attcagaaat tttcattcag
2521 gtatttgtaa tagtgacata tatatgtata tacatatcac ctctatttct cttatttttt
2581 cttaaaatgt taactggcag taagtctttt ttgatcattc ctttttccat ataggaaaca
2641 taattttgaa gtggccagat gagtttatca tgcagtga aaataattac ccacaaatgc
2701 caccagaact tacgattctt cacttcttgg ggttttcagt atgaacctaa ctccccaccc
2761 caacatctcc ctcccacatt gtcaccattt caaagggccc acagtgactt ttgctgggca
2821 ttttcccaga tgtttacaga ctgtgagtac agcagaaaat cttttactag tgtgtgtgtg
2881 tatatatata aacaattgta aatttctttt agcccatttt tctagactgt ctctgtggaa
2941 tanatatgtg tgtgtgatat atgcatgtgt gtgatgatat gtatggattt aancataatct
3001 aataattgtg ccccgagtt gtgccaaagt gcatagtctg agtaaaatct aggtgattgt
3061 tcatcatgac aacctgcctc agtccatttt aacctgtagc aaccttctgc attcataaat
3121 cttgtaatca tgttaccatt acaaatggga tataagaggc agcgtgaaag cagatgagct
3181 gtggactagc aatatagggt tttgtttggt tggttggttt gataaagcag tatttggggg
3241 catattgttn cctgtgctgg agcaaaagtc attacacttt gaagtattat attgttctta
3301 gcctg

```

L2 ANSWER 273 OF 275 GENBANK.RTM. COPYRIGHT 2004 on STN

```

LOCUS (LOC): HUMETR GenBank (R)
GenBank ACC. NO. (GBN): D90402
GenBank VERSION (VER): D90402.1 GI:219651
CAS REGISTRY NO. (RN): 392193-33-8
SEQUENCE LENGTH (SQL): 4286
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Primates
DATE (DATE): 18 Dec 2002
DEFINITION (DEF): Homo sapiens ETR mRNA for endothelin receptor, complete
                      cds.
SOURCE: Homo sapiens (human)
ORGANISM (ORGN): Homo sapiens
                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                  Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
                  Hominidae; Homo
NUCLEIC ACID COUNT (NA): 1327 a 828 c 817 g 1314 t
COMMENT:
Data kindly submitted in computer readable form by: Kazuwa Nakao
Second Division, Department of Medicine
Kyoto University School of Medicine
54 Shogoin Kawahara-cho
Sakyo-ku, Kyoto 606
Japan
Phone: 81-75-751-3170
Fax: 81-75-771-9452.
REFERENCE: 1 (bases 1 to 4286)
AUTHOR (AU): Ogawa,Y.; Nakao,K.; Arai,H.; Nakagawa,O.; Hosoda,K.;
              Suga,S.; Nakanishi,S.; Imura,H.
TITLE (TI): Molecular cloning of a non-isopeptide-selective
              ***human*** ***endothelin*** ***receptor***
JOURNAL (SO): Biochem. Biophys. Res. Commun., 178 (1), 248-255 (1991)
OTHER SOURCE (OS): CA 116:122329

```

FEATURES (FEAT):

Feature Key	Location	Qualifier
=====	=====	=====

source	1..4286	/organism="Homo sapiens"
		/db-xref="taxon:9606"
gene	1..4286	/gene="ETR"
CDS	238..1566	/gene="ETR"
		/codon-start=1
		/product="endothelin receptor"
		/protein-id="BAA14398.1"
		/db-xref="GI:219652"
		/translation="MQPPPSLCGRALVALVLACG LSRIWGEERGFPDRATPLLQTAE IMTPPTKTLWPKGSNASLARS LAPAEVPKGDRTA GSPPRITISPPPCQGPIEIKETFKY INTVVSCLVFLGIIGNSTLLRIIYKNKCMRNGP NILIASLALGDLLHIVIDIPINVY KLLAEDWPFGAEMCKLVFPIQKASVGITVLSLCA LSIDRYRAVASWSRIKGIGVPKWT AVEIVLIWVSVVLAVPEAIGFDIITMDYKGSYL RICLLHPVQKTA FMQFYKTAKDWW LFSFYFCLPLAITAFFYTLMTCEMLRKKSGMQIA LNDHLKQRREVAKTVFCLVLVFL CWLPLHLSRILKLTLYNQNDPNRCELLSFLLVLD YIGINMASLNSCINPIALYLVSKR FKNCFKSLCCWCQSFEKQSLEEKQSCLKFKAN DHGYDNFRSSNKYSSS"
polyA-site	4286	/gene="ETR"

SEQUENCE (SEQ):

1	gagacattcc	ggtggggggac	tctggccagc	ccgagcaacg	tggatcctga	gagcactccc
61	aggtaggcat	ttgccccggt	gggacgcctt	gccagagcag	tgtgtggcag	gcccccgtag
121	aggatcaaca	cagtggctga	acactgggaa	ggaactggtg	cttggagtct	ggacatctga
181	aacttggtc	tgaactgcg	gagcggccac	cggacgcctt	ctggagcagg	tagcagcatg
241	cagccgcctc	caagtctgtg	cggacgcgcc	ctggttgccg	tggttcttgc	ctgcggcctg
301	tcgcggtatc	ggggagagga	gagaggcttc	ccgcctgaca	gggccactcc	gcttttgcaa
361	accgcagaga	taatgacgcc	acccactaag	accttatggc	ccaagggttc	caacgccagt
421	ctggcgcggt	cgttggcacc	tgcggaggtg	cctaaaggag	acaggacggc	aggatctccg
481	ccacgcacca	tctccccctc	cccgtgccaa	ggacccatcg	agatcaagga	gactttcaaa
541	tacatcaaca	cggttggtgc	ctgccttggt	ttcgtgctgg	ggatcatcgg	gaactccaca
601	cttctgagaa	ttatctacaa	gaacaagtgc	atgcgaaacg	gtcccaatat	cttgatcgcc
661	agcttggtc	tgggagacct	gctgcacatc	gtcattgaca	tccctatcaa	tgtctacaag
721	ctgctggcag	aggactggcc	atttggagct	gagatgtgta	agctggtgcc	tttcatacag
781	aaagcctccg	tgggaatcac	tgtgctgagt	ctatgtgctc	tgagtattga	cagatatacg
841	gctgttgctt	cttggagtag	aattaaagga	attgggggtc	caaaatggac	agcagtagaa
901	attgttttga	tttgggtggt	ctctgtggtt	ctggctgtcc	ctgaagccat	aggttttgat
961	ataattacga	tggactacaa	aggaagttat	ctgcgaatct	gcttgcttca	tcccgttcag
1021	aagacagctt	tcattgcagt	ttacaagaca	gcaaaagatt	ggtggctggt	cagtttctat
1081	ttctgcttgc	cattggccat	cactgcattt	ttttatacac	taatgacctg	tgaaatggtg
1141	agaaagaaaa	gtggcatgca	gattgcttta	aatgatcacc	taaagcagag	acgggaagtg
1201	gccaaaaccg	tcttttgctt	ggtccttgct	tttgccctct	gctggcttcc	ccttcacctc
1261	agcaggattc	tgaagctcac	tctttataat	cagaatgatc	ccaatagatg	tgaacttttg
1321	agctttctgt	tggatttgga	ctatattggt	atcaacatgg	cttcactgaa	ttcctgcatt
1381	aacccaattg	ctctgtattt	ggtgagcaaa	agattcaaaa	actgctttta	gtcatgctta
1441	tgctgtcgtg	gccagtcatt	tgaagaaaaa	cagtccttgg	aggaaaagca	gtcgtgctta
1501	aagttcaaag	ctaattgatca	cggatattgac	aacttccgtt	ccagtaataa	atacagctca
1561	tcttgaaaaga	agaactattc	actgtatttc	attttcttta	tattggaccg	aagtcattaa
1621	aacaaaatga	aacatttgcc	aaaacaaaac	aaaaaactat	gtatttgcac	agcacactat
1681	taaaatatta	agtgtaatga	ttttaacact	cacagctaca	tatgacattt	tatgagctgt
1741	ttacggcatg	gaaagaaaaa	cagtgggaat	taagaaagcc	tcgtcgtgaa	agcacttaat
1801	tttttacagt	tagcacttca	acatagctct	taacaacttc	caggatattc	acacaacact
1861	taggcttaaa	aatgagctca	ctcagaattt	ctattctttc	taaaaagaga	tttattttta
1921	aatcaatggg	actctgatat	aaaggaagaa	taagtcactg	taaaacagaa	cttttaaatg
1981	aagcttaaat	tactcaattt	aaaattttta	aatcctttta	aacaactttt	caattaatat
2041	tatcacacta	ttatcagatt	gtaattagat	gcaaatgaga	gagcagttta	gttggtgcat
2101	ttttcggaca	ctggaaacat	ttaaatgatc	aggagggagt	aacagaaaga	gcaaggctgt
2161	ttttgaaaaa	cattacactt	tcactagaag	cccaaaccct	agcattctgc	aatatgtaac
2221	caacatgtca	caaacaagca	gcatgtaaca	gactggcaca	tgtgccagct	gaatttaaaa
2281	tataatactt	ttaaaaagaa	aattattaca	tcctttacat	tcagttaaga	tcaaacctca
2341	caaagagaaa	tagaatgttt	gaaaggctat	cccaaagac	ttttttgaat	ctgtcattca
2401	cataccctgt	gaagacaata	ctatctacaa	ttttttcagg	attattaaaa	tcttcttttt
2461	tcactatcgt	agcttaaaact	ctgtttggtt	ttgtcatctg	taaatactta	cctacataca
2521	ctgcatgtag	atgattaaat	gagggcaggc	cctgtgctca	tagcttttacg	atggagagat
2581	gccagtgacc	tcataataaa	gactgtgaac	tgctgggtgc	agtgtccaca	tgacaaaggg
2641	gcaggtagca	ccctctctca	cccatgctgt	ggttaaaatg	gtttctagca	tatgtataat
2701	gctatagtta	aaatactatt	tttcaaaatc	atacagatta	gtacatttaa	cagctactcg
2761	taaagcttat	tactaatttt	tgtattattt	ttgtaaatag	ccaatagaaa	agtttgcttg
2821	acatggtgct	tttctttcat	ctagaggcaa	aactgctttt	tgagaccgta	agaacctctt
2881	agctttgtgc	gttcctgcct	aatttttata	tcttctaagc	aaagtgcctt	aggatagctt

```

2941 gggatgagat gtgtgtgaaa gtatgtacaa gagaaaacgg aagagagagg aaatgaggtg
3001 gggttggagg aaacccatgg ggacagattc ccattcttag cctaacgttc gtcattgcct
3061 cgtcacatca atgcaaaagg tcctgatttt gttccagcaa aacacagtgc aatgtttctca
3121 gagtgacttt cgaaataaat tgggcccagg agctttaact cggctcttaa atatgcccaa
3181 atttttactt tgtttttctt ttaataggct gggccacatg ttggaaataa gctagtaatg
3241 ttgttttctg tcaatattga atgtgatggg acagtaaacc aaaacccaac aatgtggcca
3301 gaaagaaaaga gcaataataa ttaattcaca caccatatgg attctattta taaatcaccc
3361 acaaaacttg tctttaattt catcccaatc actttttcag aggcctgtta tcatagaagt
3421 catttttagac tctcaatttt aaattaattt tgaatcacta atattttcac agttttattaa
3481 tatatttaaat ttctatttaa attttagatt atttttatta ccatgtactg aattttttaca
3541 tcctgatacc ctttccttct ccatgtcagt atcatgttct ctaattatct tgccaaattt
3601 tgaaactaca cacaaaaagc atacttgcag tatttataat aaaattgcat tcagtggcct
3661 tttaaaaaaa atgtttgatt caaaacttta acatactgat aagtaagaaa caattataat
3721 ttctttacat actcaaaacc aagatagaaa aagggtgctat cgttcaactt caaaacatgt
3781 ttcctagtag taaggacttt aatatagcaa cagacaaaat tattgttaac atggatgtta
3841 cagctcaaaa gatttataaa agatttttaac ctattttctc ctttattatc cactgctaata
3901 gtggatgtat gttcaaacc cttttagtag tgatagctta catatggcca aaggaatata
3961 gtttatagca aaacatgggt atgctgtagc taactttata aaagtgtaat ataacaatgt
4021 aaaaaattat atatctggga ggattttttg gttgcctaaa gtggctatag ttactgatit
4081 tttattatgt aagcaaaacc aataaaaaat taagtttttt taacaactac cttatttttc
4141 actgtacaga cactaattca ttaaatacta attgattgtt taaaagaaat ataaatgtga
4201 caagtggaca ttatttatgt taaatataca attatcaagc aagtatgaag ttattcaatt
4261 aaaatgccac atttctggtc tctggg

```

L2 ANSWER 274 OF 275 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): HUMETSR GenBank (R)
GenBank ACC. NO. (GBN): M74921
GenBank VERSION (VER): M74921.1 GI:182275
CAS REGISTRY NO. (RN): 138820-18-5
SEQUENCE LENGTH (SQL): 1470
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Primates
DATE (DATE): 31 Dec 1994
DEFINITION (DEF): ***Human*** ***endothelin*** ***receptor***
mRNA, complete cds.
SOURCE: Homo sapiens adult patient with hepatolithiasis liver
cDNA to mRNA.
ORGANISM (ORGN): Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
Hominidae; Homo
NUCLEIC ACID COUNT (NA): 381 a 343 c 350 g 396 t
REFERENCE: 1 (bases 1 to 1470)
AUTHOR (AU): Nakamuta,M.; Takayanagi,R.; Sakai,Y.; Sakamoto,S.;
Hagiwara,H.; Mizuno,T.; Saito,Y.; Hirose,S.;
Yamamoto,M.; Nawata,H.
TITLE (TI): Cloning and sequence analysis of a cDNA encoding human
non-selective type of endothelin receptor
JOURNAL (SO): Biochem. Biophys. Res. Commun., 177 (1), 34-39 (1991)
OTHER SOURCE (OS): CA 116:122267

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..1470	/organism="Homo sapiens" /db-xref="taxon:9606" /tissue-type="liver" /dev-stage="adult patient with hepatolithiasis"
gene	1..1470	/gene="ETs"
CDS	47..1375	/gene="ETs" /codon-start=1 /product="endothelin receptor" /protein-id="AAA58465.1" /db-xref="GI:182276" /translation="MQPPPSLCGRALVALVLACG LSRIWGEERGFPDRATPLLQTAE IMTPPTKTLWPKGSNASLARSLAPAEVPGKDRTA GSPRTISPPPCQGPPIEIKETFKY INTVVSCLVFLGIIGNSTLLRIYKKNKCMRNGP NILIASLALGDLIHIVIDIPINVY KLLAEDWPFGAEMCKLVPFIQKASVGITVLSLCA LSIDRYRAVASWSRIKGIGVPKWT AVEIVLIWVSVVLAVPEAIGFDIITMDYKGSYL RICLLHPVQKTAFMQFYKTAKDWW

sig-peptide 47..124
mat-peptide 125..1372

LFSFYFCLPLAITAFFYTLMTCEMLRKKSGMQIA
LNDHLKQRREVAKTVFCLVLVLFAL
CWLPLHLSRIKLTLYNQNDPNRCELLSFLVLVD
YIGINMASLNSCINPIALYLVSKR
FKNCFKSCLCCWCQSFEKQSLEEKQSCLKFKAN
DHGYDNFRSSNKYSSS"
/gene="ETs"
/gene="ETs"
/product="endothelin receptor"

SEQUENCE (SEQ):

```
1 gaaactgcgg acgggccacc ggacgccttc tggagcaggt agcagcatgc agccgcctcc
61 aagtctgtgc ggacgcgccc tggttgcgct ggttcttgcc tgcggcctgt cgcggatctg
121 gggagaggag agaggcttcc cgcctgacag ggccactccg cttttgcaaa ccgcagagat
181 aatgacgcca cccactaaga ctttatggcc caagggttcc aacgccagtc tggcgcggtc
241 gttggcacct gcgagaggtgc ctaaaggaga caggacggca ggatctccgc cacgcaccat
301 ctccccctcc ccgtgccaag gacccatcga gatcaaggag actttcaaat acatcaacac
361 ggttgtgtcc tgccttgtgt tcgtgctggg gatcatcggg aactccacac ttctgagaat
421 tatctacaag aacaagtga tgcaaacgg tcccaatatc ttgatcgcca gcttggctct
481 gggagacctg ctgcacatcg tcattgacat ccctatcaat gtctacaagc tgcctggcaga
541 ggactggcca tttggagctg agatgtgtaa gctgggtgcct tcatatcaga aagcctccgt
601 gggaatcact gtgctgagtc tatgtgctct gagtattgac agatatcgag ctgttgcttc
661 ttggagtaga attaaaggaa ttggggttcc aaaatggaca gcagtagaaa ttgttttgat
721 ttgggtggtc tctgtggttc tggctgtccc tgaagccata ggttttgata taattacgat
781 ggactacaaa ggaagtatc tgcaatctg cttgcttcac cccgttcaga agacagcttt
841 catgcagttt tacaagacag caaagattg atgacctgt gaaatgttga gaaagaaaag
901 attggccatc actgcatttt tttatattc aatgacctgt gaaatgttga gaaagaaaag
961 tggcatgcag attgctttaa atgatcacct aaagcagaga cgggaagtgg ccaaaaccgt
1021 cttttgcctg gtccttgtct ttgccctctg ctggcttccc cttcacctca gcaggattct
1081 gaagctcact ctttataatc agaattgatcc caatagatgt gaacttttga gctttctgtt
1141 ggtattggac tatattggta tcaacatggc ttcactgaat tcctgcatta acccaattgc
1201 tctgtatttg gtgagcaaaa gattcaaaaa ctgctttaag tcatgcttat gctgctgggtg
1261 ccagtcattt gaagaaaaac agtccttgga ggaaaagcag tcgtgcttaa agttcaaagc
1321 taatgatcac ggatatgaca acttccgttc cagtaataaa tacagctcat cttgaaagaa
1381 gaactattca ctgtatttca ttttctttat attggaccga agtcattaaa acaaaatgaa
1441 acatttgcca aaacaaaaca aaaaactatg
```

L2 ANSWER 275 OF 275 CONFSCI COPYRIGHT 2004 CSA on STN
AN 93:4709 CONFSCI
DN 93004709
TI Molecular cloning of ***human*** ***endothelin***
receptors ET-R and ET-R sub(B)
AU Haendler, B.; Hechler, U.; Schleuning, W.D.
SO Abstracts, SFr25.00, oral presentation: Journal of Cardiovascular
Pharmacology, state of art lectures: Circulation.
Meeting Info.: 922 0902: 2nd International Symposium on
Endothelium-Derived Vasoactive Factors (9220902). Basel (Switzerland).
21-25 Apr 1992. Swiss Society of Cardiology; European Society of
Cardiology; and Swiss Hypertension Society.
DT Conference
FS DCCP
LA UNAVAILABLE
STN INTERNATIONAL LOGOFF AT 16:50:55 ON 12 MAY 2004